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BIOMÉRIEUX

API & ID 32 IDENTIFICATION DATABASES

BIOMÉRIEUX

PIONEERING DIAGNOSTICS

INTRODUCTION

The API®, ID 32 and rapid ID 32 database update takes into account:

- **the evolution of international taxonomy**
- **the description of the new bacterial species,**
- **newly acquired bacteriology data (new profiles for bacterial strains which have an impact on performance data)**

As a result of the update, the APIWEB™ software version has changed from version 1.2.1 to version 1.3.0

The API and ID 32 databases have again been updated

Twenty-two of the twenty-three identification databases have been revised, taking account the biochemical profiles of over 56,277 strains.
Today, 697 species of bacteria and yeasts can be identified, including 14 new species and 50 that have been assigned new names.

The changes made can be broken down as follows:

A number of new species have been added to the database (including both entirely new species and others added on the basis of new results).

Certain bacterial species have been deleted due to more stringent criteria. Certain rare species which are not sufficiently studied have been removed from the database.

The names of certain species have been changed to follow modifications in the bacterial taxonomy as officially described in the International Journal of Systematic and Evolutionary Microbiology.

Notes have been revised to reflect the changes in names and the species added and deleted.

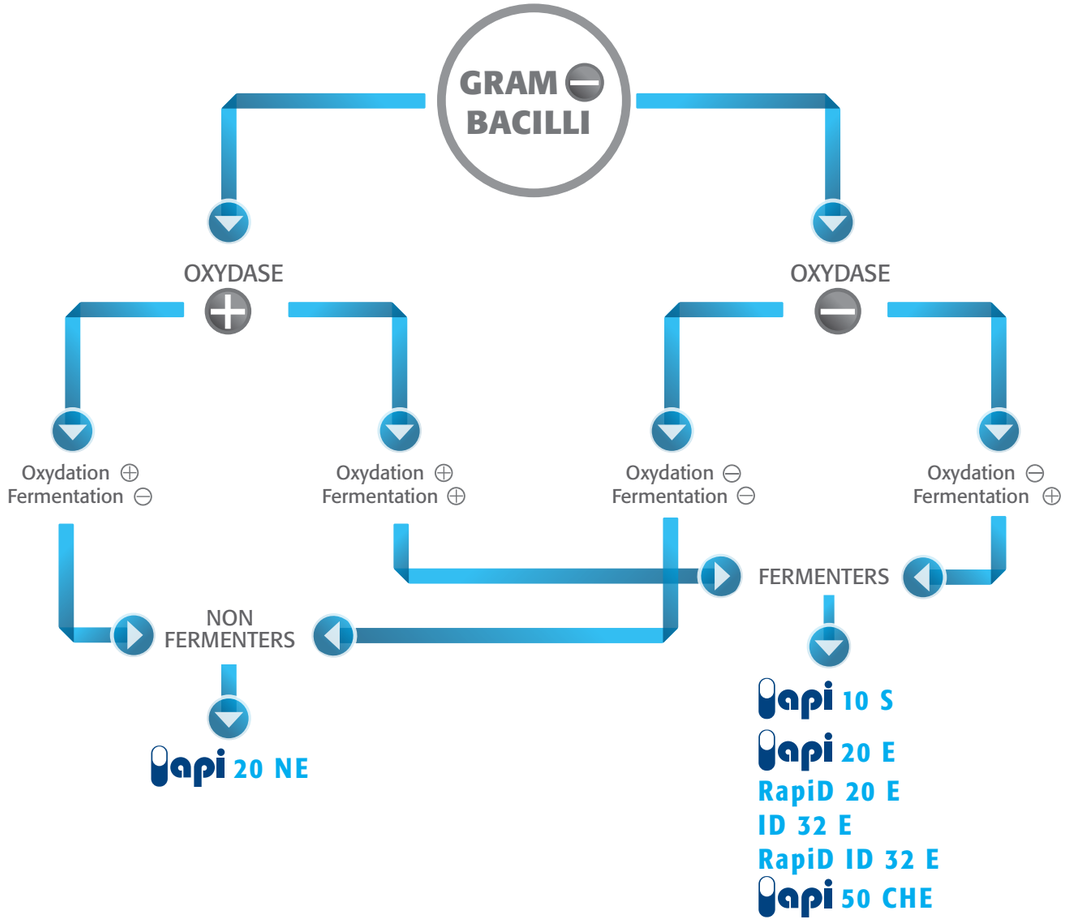
Percentages and performances have been altered to reflect variations observed in the profiles analyzed as the database was revised.

Additional tests were modified to reflect the new reference information available.

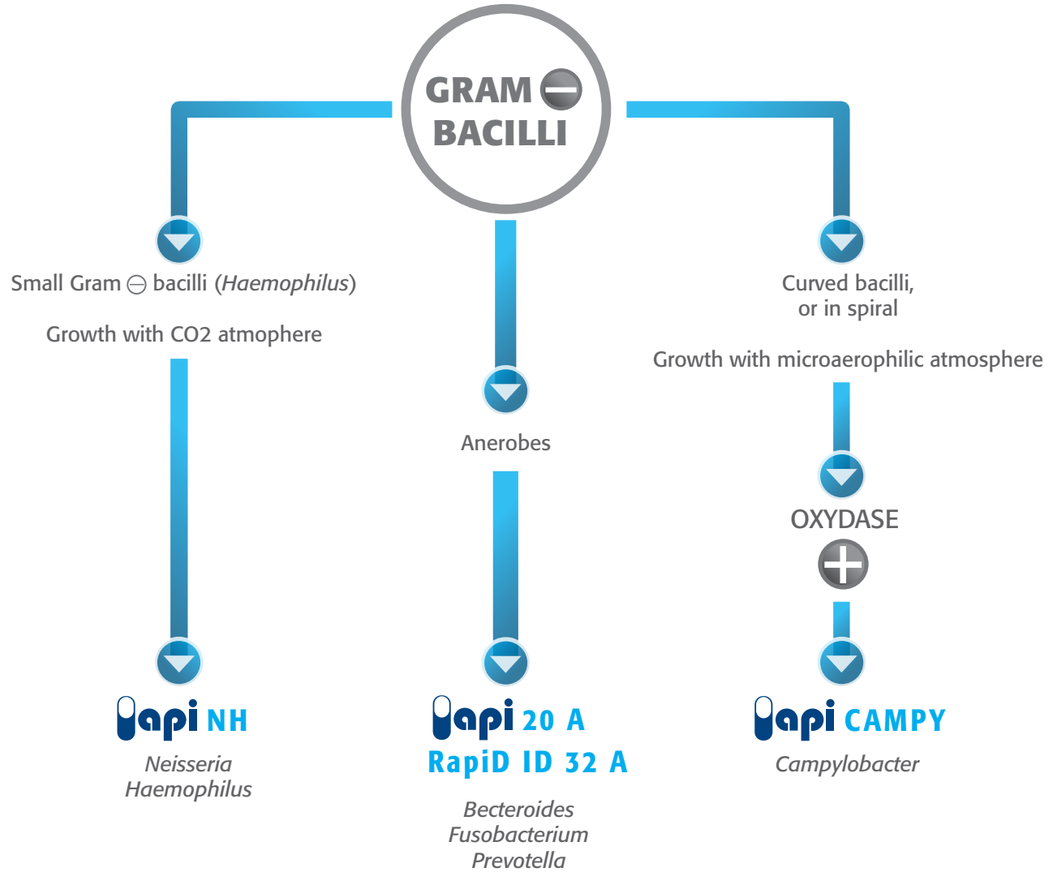
WHAT'S CHANGED IN THE DATABASES?

Database	Version number		Changes to thesaurus		Changes to database	
	old	new	Taxons	Notes	Identification	Additional tests
API® 20 E	v 4.1	v 5.0	X	X	X	X
RapiD 20 E™	v 3.1	v 3.2	X	-	-	-
API® 10 S	v 3.1	v 4.0	X	X	X	-
API® 20 NE	v 7.0	v 8.0	X	X	X	-
API® STAPH	v 4.1	v 5.0	-	-	X	-
API® 20 STREP	v 7.0	v 8.0	X	X	X	X
API® 20 C AUX	v 4.0	v 5.0	X	X	X	-
API® CANDIDA	v 2.1	v 2.2	X	X	-	-
API® 20 A	v 4.0	v 5.0	X	X	X	X
API® CORYNE	v 3.0	v 4.0	X	X	X	-
API® CAMPY	v 2.1	v 3.0	X	-	X	-
API® LISTERIA	v 1.2	v 2.0	-	X	X	-
API® NH	v 3.0	v 4.0	X	X	X	-
API® 50 CHB	v 4.0	v 4.1	X	-	-	-
API® 50 CHE	v 3.1	v 3.2	X	-	-	-
API® 50 CHL	v 5.1	v 5.2	X	-	-	-
ID 32 E	v 3.0	v 4.0	X	-	X	X
rapid ID 32 E	v 3.1	v 4.0	X	-	X	X
ID 32 STAPH	v 2.1	v 3.0	X	X	X	X
rapid ID 32 STREP	v 3.0	v 4.0	X	X	X	X
ID 32 C	v 3.0	v 4.0	X	X	X	X
rapid ID 32 A	v 3.2	v 3.3	X	-	-	-

ORIENTATION TESTS
GRAM⊖ BACILLI

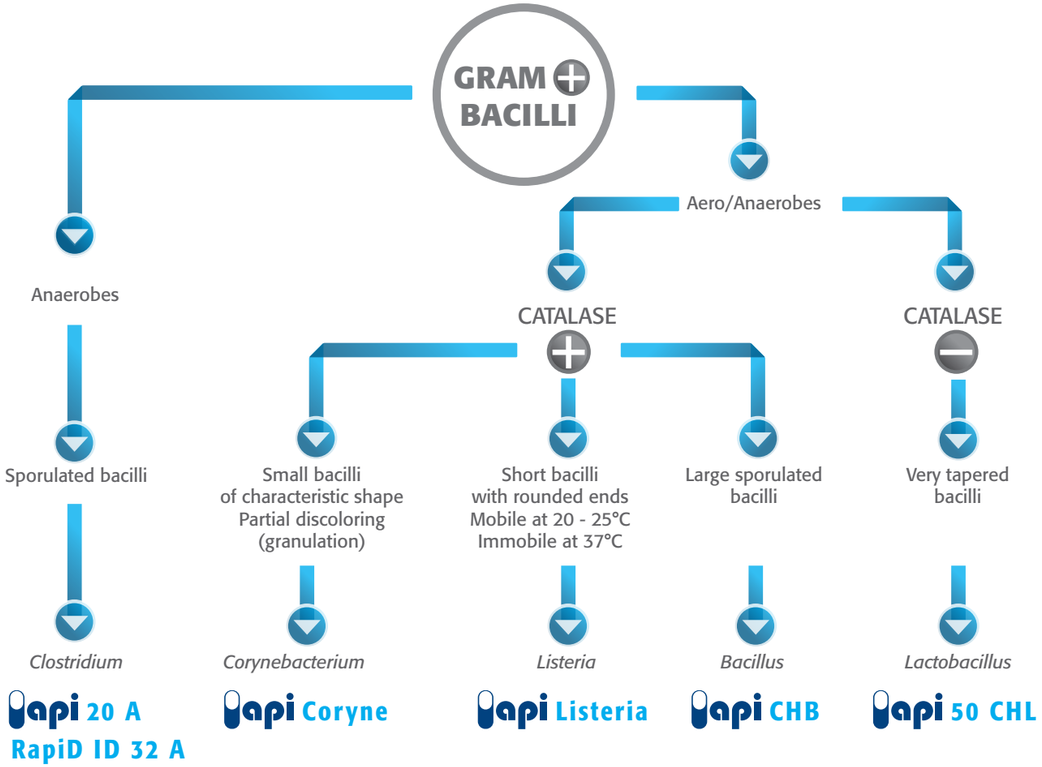


ORIENTATION TESTS
OTHER GRAM⊖ BACILLI



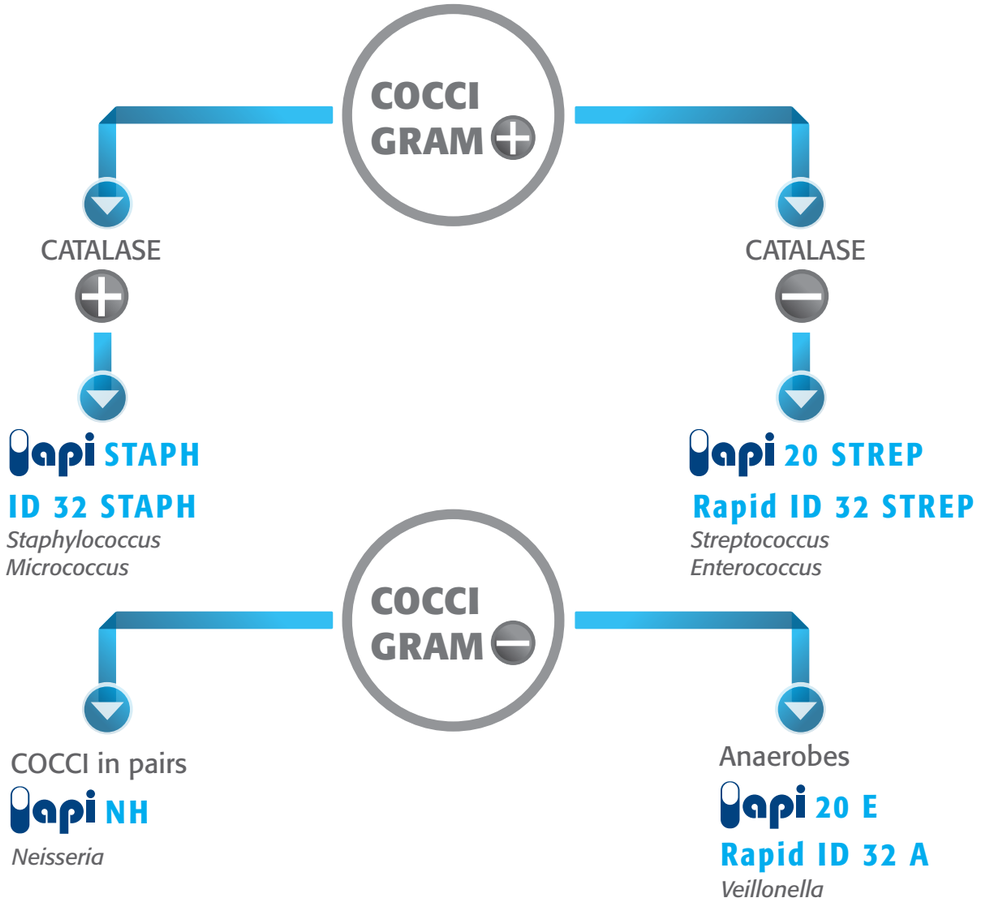
ORIENTATION TESTS

GRAM⊕ BACILLI

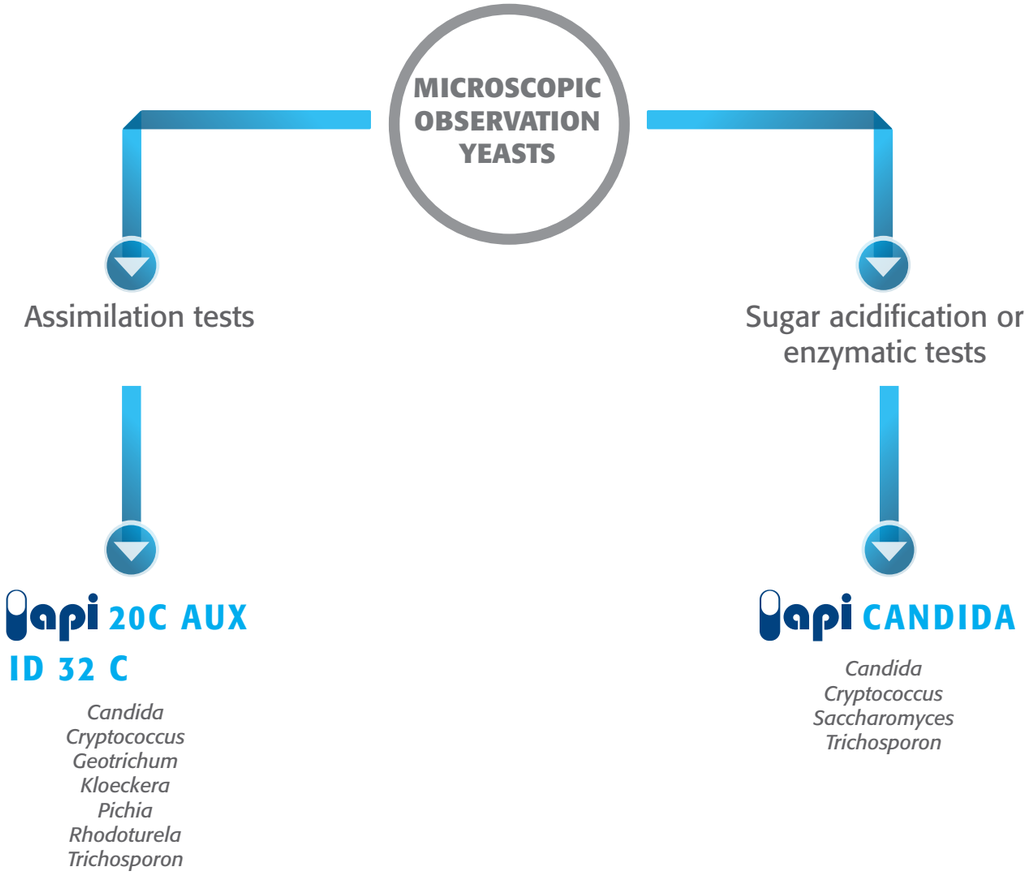


ORIENTATION TESTS

COCCI



ORIENTATION TESTS
YEASTS



SPECIES IDENTIFIABLE BY THE VARIOUS IDENTIFICATION SYSTEMS

API® 20 E	Gram-negative bacilli
API® 10 S	Gram-negative bacilli
Rapid 20E™	*Enterobacteriaceae*
API® 20 NE	Gram-negative non-*Enterobacteriaceae*
API® Staph	Staphylococci
API® 20 Strep	Streptococci
API® Candida	Yeasts
API® 20 C AUX	Yeasts
API® 20 A	Anaerobes
API® Coryne	Corynebacteria
API® Campy	*Campylobacter*
API® Listeria	*Listeria*
API® NH	*Neisseria, Haemophilus*
API® 50 CHE	*Enterobacteriaceae*
AP®I 50 CHL	Lactic bacteria
API® 50 CHB	*Bacillus*
ID 32 E	Gram-negative bacilli
Rapid ID 32 E	*Enterobacteriaceae*
ID 32 GN	Gram-negative bacilli
ID 32 STAPH	Staphylococci
Rapid ID 32 STREP	Streptococci
ID 32 C	Yeasts
Rapid ID 32 A	Anaerobes

Species present in database
Species identifiable with additional tests

Changed taxon
New species

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE	API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB	ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Abiotrophia defectiva						●															●		
Achromobacter denitrificans Alcaligenes denitrificans				●																			
Achromobacter xylosoxidans Alcaligenes xylosoxidans				●																			
Acinetobacter/Moraxella spp			●														●						
Acinetobacter/Pseudomonas spp		●																					
Acinetobacter baumannii	●	●		●													●						
Acinetobacter baumannii/calcoaceticus	●			●																			
Acinetobacter calcoaceticus	●			●																			
Acinetobacter haemolyticus				●																			
Acinetobacter johnsonii				●																			
Acinetobacter junii				●																			
Acinetobacter junii/johnsonii				●																			
Acinetobacter lwoffii				●																			
Acinetobacter radioresistens				●																			
Acinetobacter spp			●										●				●						
Actinobacillus pleuropneumoniae													●										
Actinomyces israelii									●														●
Actinomyces meyeri									●														●
Actinomyces meyeri/odontolyticus									●														
Actinomyces naeslundii									●														●
Actinomyces neuii ssp anitratus										●													
Actinomyces neuii ssp neuii										●													
Actinomyces odontolyticus									●														●
Actinomyces radingae										●													
Actinomyces turicensis										●													
Actinomyces viscosus									●														●
Aeromonas caviae	●			●										●			●						
Aeromonas hydrophila/caviae				●																			
Aeromonas hydrophila	●	●	●	●										●			●						
Aeromonas hydrophila/caviae/sobria	●																●						
Aeromonas salmonicida ssp achromogenes				●																			
Aeromonas salmonicida masoucida/achromogenes																							
Aeromonas salmonicida ssp masoucida				●																			
Aeromonas salmonicida ssp salmonicida	●			●										●									
Aeromonas sobria	●			●										●			●						
Aerococcus urinae						●															●		
Aerococcus viridans						●									●					●	●		
Aggregatibacter actinomycetemcomitans													●										
Aggregatibacter aphrophilus													●										
Alcaligenes faecalis				●																			
Alcaligenes spp	●																●						
Alloiococcus otitis						●															●		
Anaerobiospirillum succiniciproducens																							●
Anaerococcus prevotii									●														●
Aneurinibacillus aneurinilyticus																●							
Arcanobacterium haemolyticum										●													
Arcobacter cryaerophilus											●												
Arthrobacter spp										●													
Avibacterium paragallinarum													●										
Bacillus amyloliquefaciens																●							
Bacillus anthracis																●							

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE	API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB	ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Bacillus badius																●							
Bacillus cereus																●							
Bacillus circulans																●							
Bacillus coagulans																●							
Bacillus firmus																●							
Bacillus lentus																●							
Bacillus licheniformis																●							
Bacillus megaterium																●							
Bacillus mycoides																●							
Bacillus pumilus																●							
Bacillus smithii																●							
Bacillus subtilis																●							
Bacillus subtilis/amyloliquefaciens																●							
Bacillus thuringiensis																●							
Bacteroides caccae									●														●
Bacteroides eggerthii									●														●
Bacteroides fragilis									●														●
Bacteroides ovatus									●														●
Bacteroides ovatus/thetaiotaomicron									●														
Bacteroides stercoris/eggerthii									●														
Bacteroides stercoris									●														●
Bacteroides thetaiotaomicron									●														●
Bacteroides uniformis									●														●
Bacteroides vulgatus									●														●
Bacillus non reactive																●							
Bergeyella zoohelcum				●														●					
Bibersteinia trehalosi	●			●														●					
Bifidobacterium adolescentis									●														●
Bifidobacterium bifidum									●														●
Bifidobacterium breve									●														●
Bifidobacterium dentium									●														●
Bifidobacterium longum																							●
Bifidobacterium spp									●														●
Bordetella/Alcaligenes/Moraxella spp	●																						
Bordetella avium				●																			
Bordetella bronchiseptica				●														●					
Bordetella spp	●																						
Brevundimonas diminuta/Oligella urethralis				●																			
Brevundimonas diminuta				●																			
Brevundimonas vesicularis				●																			
Brevibacillus agri																●							
Brevibacillus borstelensis																●							
Brevibacillus brevis																●							
Brevibacillus centrosporus																●							
Brevibacillus choshinensis																●							
Brevibacillus laterosporus																●							
Brevibacillus non reactive																●							
Brevibacterium casei										●													
Brevibacterium epidermidis										●													
Brevibacterium spp										●													
Brochothrix thermosphacta															●								

Species present in database
Species identifiable with additional tests

Changed taxon
New species

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE			API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB		ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Brucella spp	●																									
Budvicia aquatica																				●						
Burkholderia cepacia	●		●	●																●						
Burkholderia gladioli				●																						
Burkholderia pseudomallei				●																						
Buttiauxella agrestis	●		●													●				●						
Candida albicans									●	●															●	
Candida boidinii										●															●	
Candida ciferrii										●															●	
Candida colliculosa										●															●	
Candida dattila																									●	
Candida dubliniensis										●															●	
Candida famata									●	●															●	
Candida glabrata									●	●															●	
Candida globosa																									●	
Candida guilliermondii									●	●															●	
Candida hellenica																									●	
Candida holmii																									●	
Candida inconspicua/norvegensis																									●	
Candida inconspicua									●	●															●	
Candida intermedia																									●	
Candida kefyr									●	●															●	
Candida krusei									●	●															●	
Candida krusei/inconspicua										●																
Candida lambica									●	●																
Candida lipolytica										●															●	
Candida lusitaniae									●	●															●	
Candida magnoliae										●															●	
Candida melibiosica																									●	
Candida membranifaciens																									●	
Candida norvegensis									●	●															●	
Candida norvegica																									●	
Candida parapsilosis									●	●															●	
Candida pelliculosa										●															●	
Candida pulcherrima																									●	
Candida rugosa										●															●	
Candida sake																									●	
Candida silvicola																									●	
Candida spherica										●															●	
Candida thermophila										●																
Candida tropicalis									●	●															●	
Candida utilis										●															●	
Candida valida																									●	
Candida zeylanoides										●															●	
Campylobacter coli													●													
Campylobacter fetus ssp venerealis													●													
Campylobacter fetus ssp fetus													●													
Campylobacter hyointestinalis													●													
Campylobacter jejuni ssp doylei													●													
Campylobacter jejuni ssp jejuni													●													
Campylobacter lari													●													

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE			API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB		ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Campylobacter lari UPTC													●													
Campylobacter mucosalis													●													
Campylobacter sputorum ssp bubulus													●													
Campylobacter sputorum bv Fecalis													●													
Campylobacter sputorum bv Sputorum													●													
Campylobacter upsaliensis													●													
Campylobacter ureolyticus											●														●	
Capnocytophaga gingivalis																									●	
Capnocytophaga ochracea																									●	
Capnocytophaga sputigena																									●	
Capnocytophaga spp																									●	
Carnobacterium divergens																	●									
Carnobacterium maltaromaticum																	●									
Cedecea davisae	●		●													●				●						
Cedecea lapagei	●		●																	●						
Cedecea lapagei/neteri																●										
Cedecea neteri			●																	●						
Cedecea spp			●																							
Cellulomonas spp/Microbacterium spp												●														
Cellulomonas spp												●														
Cellulosimicrobium cellulans												●														
Chromobacterium violaceum	●			●																						
Chryseobacterium indologenes	●	●		●																●						
Citrobacter amalonaticus/farmeri			●																	●						
Citrobacter amalonaticus	●		●													●				●						
Citrobacter braakii	●	●														●				●						
Citrobacter farmeri	●	●	●													●				●						
Citrobacter freundii	●	●														●				●						
Citrobacter freundii group			●																							
Citrobacter koseri/farmeri	●																									
Citrobacter koseri	●		●													●				●						
Citrobacter koseri/amalonaticus	●	●																								
Citrobacter sedlakii																				●						
Citrobacter youngae	●															●				●						
Clostridium acetobutylicum																									●	
Clostridium baratii											●														●	
Clostridium beijerinckii/butyricum											●														●	
Clostridium beijerinckii											●														●	
Clostridium bifermentans											●														●	
Clostridium botulinum											●														●	
Clostridium botulinum/sporogenes											●															
Clostridium butyricum											●														●	
Clostridium cadaveris											●														●	
Clostridium clostridioforme											●														●	
Clostridium difficile											●														●	
Clostridium fallax																									●	
Clostridium glycolicum																									●	
Clostridium histolyticum											●														●	
Clostridium innocuum											●														●	
Clostridium limosum											●															
Clostridium paraputrificum											●														●	

Species present in database
Species identifiable with additional tests

Changed taxon
New species

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE	API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB	ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Clostridium perfringens									●														●
Clostridium ramosum									●														●
Clostridium septicum									●														●
Clostridium sordellii									●														●
Clostridium sporogenes									●														●
Clostridium subterminale									●														●
Clostridium tertium									●														●
Clostridium tetani									●														●
Clostridium tyrobutyricum																							●
Clostridium spp									●														
Collinsella aerofaciens									●														
Comamonas testosteroni/Pseudomonas alcaligenes				●																			
Comamonas testosteroni				●																			
Comamonas spp																	●						
Corynebacterium accolens										●													
Corynebacterium afermentans/coyleae										●													
Corynebacterium afermentans										●													
Corynebacterium amycolatum										●													
Corynebacterium argentoratense										●													
Corynebacterium auris										●													
Corynebacterium auris/Turicella otitidis										●													
Corynebacterium bovis										●													
Corynebacterium coyleae										●													
Corynebacterium cystitidis										●													
Corynebacterium diphtheriae biotype belfanti										●													
Corynebacterium diphtheriae biotype gravis										●													
Corynebacterium diphtheriae biotype intermedius										●													
Corynebacterium diphtheriae biotype mitis/belfanti										●													
Corynebacterium diphtheriae mitis										●													
Corynebacterium glucuronolyticum										●													
Corynebacterium group F-1										●													
Corynebacterium group G										●													
Corynebacterium jeikeium										●													
Corynebacterium kutscheri										●													
Corynebacterium macginleyi										●													
Corynebacterium minutissimum										●													
Corynebacterium pilosum										●													
Corynebacterium propinquum										●													
Corynebacterium pseudodiphtheriticum										●													
Corynebacterium pseudotuberculosis										●													
Corynebacterium renale										●													
Corynebacterium renale group										●													
Corynebacterium seminale (C.glucuronolyticum)																							
Corynebacterium striatum/amycolatum										●													
Corynebacterium striatum										●													
Corynebacterium ulcerans										●													
Corynebacterium urealyticum										●													
Cronobacter dublinensis ssp dublinensis	●																●	●					
Cronobacter dublinensis ssp lactaridi																	●	●					
Cronobacter dublinensis ssp lausannensis	●																●	●					
Cronobacter dublinensis	●																●	●					

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE	API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB	ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Cronobacter malonaticus	●																●	●					
Cronobacter sakazakii	●	●	●														●	●					
Cronobacter sakazakii group	●																●	●					
Cronobacter turicensis	●																●	●					
Cronobacter spp	●													●					●				
Cryptococcus albidus								●									●						
Cryptococcus curvatus																	●						
Cryptococcus humicola								●									●						
Cryptococcus laurentii								●									●						
Cryptococcus neoformans								●									●						
Cryptococcus terreus								●									●						
Cryptococcus uniguttulatus								●									●						
Cupriavidus pauculus				●																			
Delftia acidovorans																							
Dermacoccus nishinomiyaensis																				●			
Dermabacter hominis										●													
Dietzia spp										●													
Edwardsiella hoshinae	●		●											●			●						
Edwardsiella tarda	●	●	●											●			●						
Eggerthella lenta									●														●
Eikenella corrodens	●			●																			
Elizabethkingia meningoseptica	●	●	●														●		●				
Empedobacter brevis				●																			
Enterobacter aerogenes	●	●	●											●			●						
Enterobacter amnigenus	●	●												●			●						
Enterobacter asburiae	●		●											●			●						
Enterobacter cancerogenus	●		●											●			●						
Enterobacter cloacae	●	●	●											●			●						
Enterobacter gergoviae	●		●											●			●						
Enterobacter spp/E.coli/Shigella sonnei		●																					
Enterococcus avium						●															●		
Enterococcus casseliflavus						●															●		
Enterococcus cecorum																					●		
Enterococcus durans						●															●		
Enterococcus faecalis						●															●		
Enterococcus faecium						●															●		
Enterococcus gallinarum						●															●		
Enterococcus hirae																					●		
Enterococcus saccharolyticus																					●		
Enterobacter spp		●																					
Erwinia spp	●													●									
Erysipelothrix rhusiopathiae										●											●		
Escherichia coli	●	●	●											●			●						
Escherichia fergusonii	●		●											●			●						
Escherichia hermannii	●		●											●			●						
Escherichia vulneris	●	●	●											●			●						
Eubacterium limosum									●														●
Ewingella americana	●	●	●											●			●						
Finegoldia magna									●														●
Fusobacterium mortiferum									●														●
Fusobacterium necrophorum/nucleatum									●														

Species present in database
Species identifiable with additional tests

Changed taxon
New species

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE			API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB		ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Fusobacterium necrophorum ssp funduliforme											●															
Fusobacterium necrophorum ssp necrophorum											●															
Fusobacterium necrogenes																										●
Fusobacterium necrophorum											●															●
Fusobacterium nucleatum											●															●
Fusobacterium varium											●															●
Gardnerella vaginalis									●	●															●	
Geotrichum fermentans										●															●	
Geotrichum klebahnii																									●	
Gardnerella vaginalis								●				●												●		
Gemella haemolysans								●																●		
Gemella morbillorum								●			●													●		●
Geobacillus stearothermophilus																		●								
Geobacillus thermoglucosidasius																		●								
Geotrichum spp																									●	
Globicatella sanguinis								●																●		
Gordonia spp												●														
Granulicatella adiacens								●																●		
Grimontia hollisae	●		●	●																						
Haemophilus influenzae															●											
Haemophilus influenzae biotype I															●											
Haemophilus influenzae biotype II															●											
Haemophilus influenzae biotype III															●											
Haemophilus influenzae biotype IV															●											
Haemophilus influenzae biotype V															●											
Haemophilus influenzae biotype VI															●											
Haemophilus influenzae biotype VII															●											
Haemophilus influenzae biotype VIII															●											
Haemophilus parainfluenzae															●											
Haemophilus parainfluenzae biotype I															●											
Haemophilus parainfluenzae biotype II															●											
Haemophilus parainfluenzae biotype III															●											
Haemophilus parainfluenzae biotype IV															●											
Haemophilus parainfluenzae biotype VI															●											
Haemophilus parainfluenzae biotype VII															●											
Haemophilus parainfluenzae biotype VIII															●											
Hafnia alvei	●	●	●													●				●						
Helicobacter cinaedi													●													
Helicobacter fennelliae													●													
Helicobacter pylori													●													
Histophilus somni															●											
Klebsiella oxytoca	●	●	●													●				●						
Klebsiella pneumoniae ssp ozaenae	●		●													●				●						
Klebsiella pneumoniae ssp pneumoniae	●	●	●													●				●						
Klebsiella pneumoniae ssp rhinoscleromatis	●		●													●				●						
Kloeckera apis/apiculata																									●	
Kloeckera apiculata										●															●	
Kloeckera apis										●															●	
Kloeckera japonica										●															●	
Kloeckera spp										●																
Kluyvera ascorbata	●		●													●				●						

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE			API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB		ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Kluyvera cryocrescens	●		●													●				●						
Kluyvera intermedia																										
Kluyvera spp	●		●																							
Kocuria varians/rosea							●																			
Kocuria kristinae							●																●			
Kocuria rosea							●																●			
Kocuria varians							●																●			
Kodamaea ohmeri										●															●	
Kytococcus sedentarius							●																			
Lachancea kluyverii																									●	
Lactobacillus acidophilus/jensenii											●															
Lactobacillus acidophilus											●						●									●
Lactobacillus brevis																	●									
Lactobacillus buchneri																	●									
Lactobacillus casei																										
Lactobacillus collinoides																	●									
Lactobacillus coprophilus (Wei.confusa)																	●									
Lactobacillus crispatus																	●									
Lactobacillus curvatus																	●									
Lactobacillus delbrueckii ssp bulgaricus																	●									
Lactobacillus delbrueckii ssp delbrueckii																	●									
Lactobacillus delbrueckii ssp lactis																	●									
Lactobacillus fermentum																	●									
Lactobacillus fructivorans																	●									
Lactobacillus helveticus																	●									
Lactobacillus jensenii											●															
Lactobacillus lindneri																	●									
Lactobacillus paracasei ssp paracasei																	●									
Lactobacillus pentosus																	●									
Lactobacillus plantarum																	●									
Lactobacillus rhamnosus																	●									
Lactobacillus salivarius																	●									
Lactococcus garvieae																								●		
Lactococcus lactis ssp cremoris								●									●							●		
Lactococcus lactis ssp hordniae																	●									
Lactococcus lactis ssp lactis								●									●							●		
Lactococcus raffinolactis																	●							●		
Leclercia adecarboxylata	●		●													●				●	●					
Leifsonia aquatica												●														
Leptotrichia buccalis																	●									●
Leuconostoc citreum																	●									
Leuconostoc lactis																	●									
Leuconostoc mesenteroides ssp dextranicum																	●									
Leuconostoc mesenteroides ssp mesenteroides/dextranicum																	●									
Leuconostoc mesenteroides ssp cremoris																	●									
Leuconostoc mesenteroides ssp mesenteroides																	●									
Leuconostoc spp								●																●		
Lindnera saturnus																									●	
Listeria grayi												●		●										●		
Listeria innocua								●				●		●										●		

Species present in database
Species identifiable with additional tests

Changed taxon
New species

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE	API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB	ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Listeria ivanovii						●				●		●									●		
Listeria monocytogenes/innocua										●													
Listeria monocytogenes						●				●		●									●		
Listeria seeligeri						●				●		●									●		
Listeria welshimeri						●				●		●									●		
Listeria spp						●				●											●		
Lysinibacillus fusiformis																●							
Lysinibacillus sphaericus																●							
Moraxella (Branhamella) catarrhalis													●										
Moraxella lacunata				●													●						
Moraxella nonliquefaciens				●																			
Moraxella osloensis				●													●						
Mannheimia haemolytica/Bibersteinia trehalosi				●													●						
Mannheimia haemolytica				●													●						
Methylobacterium mesophilicum				●																			
Micrococcus luteus						●															●		
Micrococcus lylae						●															●		
Microbacterium spp																							
Micrococcus spp										●													
Millerozyma farinosa																						●	
Mobiluncus curtisii																							●
Mobiluncus mulieris																							●
Mobiluncus spp																							●
Moellerella wisconsensis	●		●											●			●	●					
Moraxella spp	●		●														●						
Morganella morganii ssp morganii														●			●						
Morganella morganii ssp sibonii														●									
Morganella morganii	●	●	●											●			●						
Myroides spp/Chryseobacterium indologenes	●																						
Myroides spp	●			●													●						
Neisseria animaloris/zoodegmatis				●																			
Neisseria cinerea													●										
Neisseria gonorrhoeae													●										
Neisseria lactamica													●										
Neisseria meningitidis													●										
Neisseria mucosa													●										
Neisseria polysaccharea													●										
Neisseria sicca													●										
Neisseria subflava													●										
Neisseria spp													●										
Nocardia spp										●													
Non-fermenter spp	●																						
Ochrobactrum anthropi	●																●						
Oerskovia turbata				●						●													
Oligella ureolytica				●																			
Oligella urethralis				●																			
Paenibacillus alvei																●							
Paenibacillus amylolyticus																●							
Paenibacillus glucanolyticus																●							
Paenibacillus lautus																●							
Paenibacillus macerans																●							

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE	API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB	ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Paenibacillus pabuli															●								
Paenibacillus polymyxa															●								
Paenibacillus thiaminolyticus															●								
Paenibacillus validus															●								
Pantoea agglomerans															●								
Pantoea dispersa															●								
Pantoea spp	●	●	●											●			●	●					
Parabacteroides distasonis									●														●
Parabacteroides merdae																							●
Parvimonas micra									●														●
Pasteurella aerogenes	●		●														●						
Pasteurella multocida	●																●						
Pasteurella pneumotropica	●																						
Pasteurella pneumotropica/Mannheimia haemolytica	●																●						
Pectobacterium atrosepticum																	●	●					
Pectobacterium betavasculorum																	●	●					
Pectobacterium carotovorum ssp carotovorum																	●	●					
Pectobacterium carotovorum																	●	●					
Pediococcus acidilactici															●								
Pediococcus damnosus															●								
Pediococcus pentosaceus															●								
Pediococcus spp															●								
Peptococcus niger									●														
Peptoniphilus asaccharolyticus									●														●
Peptoniphilus indolicus									●														●
Peptostreptococcus group									●														
Photobacterium damselae ssp damselae																	●						
Photobacterium damselae ssp piscicida																	●						
Photobacterium damselae	●		●												●		●						
Plesiomonas shigelloides	●	●	●												●		●	●					
Porphyromonas asaccharolytica									●														●
Porphyromonas endodontalis																							●
Porphyromonas gingivalis																							●
Prevotella bivia									●														●
Prevotella buccae																							●
Prevotella buccalis																							●
Prevotella denticola																							●
Prevotella disiens									●														●
Prevotella intermedia/disiens									●														
Prevotella intermedia									●														●
Prevotella loescheii																							●
Prevotella melaninogenica/oralis									●														
Prevotella melaninogenica									●														●
Prevotella oralis									●														●
Priceomyces carsonii																						●	
Prototheca wickerhamii								●															
Propionibacterium acnes									●	●													●
Propionibacterium avidum									●	●													
Propionibacterium granulosum									●														●
Propionibacterium propionicum/avidum									●														
Propionibacterium propionicum									●														●

Species present in database
Species identifiable with additional tests

Changed taxon
New species

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE			API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB		ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Proteus mirabilis	●	●	●													●				●	●					
Proteus penneri	●	●	●													●				●	●					
Proteus vulgaris group	●	●	●													●				●	●					
Providencia alcalifaciens/rustigianii	●																									
Providencia alcalifaciens	●		●													●				●	●					
Providencia rettgeri	●	●	●													●				●	●					
Providencia rustigianii	●															●				●						
Providencia stuartii	●		●													●				●	●					
Providencia stuartii/alcalifaciens		●																								
Pseudomonas aeruginosa/fluorescens/putida		●																								
Pseudomonas aeruginosa	●			●																●						
Pseudomonas alcaligenes				●																						
Pseudomonas fluorescens/putida	●																									
Pseudomonas fluorescens	●			●																●						
Pseudomonas luteola				●																						
Pseudomonas mendocina				●																						
Pseudomonas oleovorans																										
Pseudomonas oryzihabitans	●			●																						
Pseudomonas putida	●			●																●						
Pseudomonas stutzeri				●																						
Pseudomonas spp		●																		●						
Pseudomonas/Comamonas spp																				●						
Pseudoflavonifractor capillosus																										●
Peptostreptococcus anaerobius											●															●
Psychrobacter phenylpyruvicus				●																						
Rahnella aquatilis	●		●													●				●	●					
Ralstonia pickettii			●																							
Raoultella ornithinolytica	●		●													●				●	●					
Raoultella planticola	●		●													●				●	●					
Raoultella terrigena	●		●													●				●	●					
Rhodotorula glutinis										●															●	
Rhodotorula minuta										●															●	
Rhodotorula mucilaginosa										●															●	
Rhodococcus equi												●														
Rhodococcus spp												●														
Rothia dentocariosa												●														
Rothia mucilaginosa							●																	●		
Rhizobium radiobacter				●																●						
Shewanella putrefaciens group	●	●		●																●						
Saccharomyces cerevisiae									●	●															●	
Salmonella enterica ssp arizonae	●	●	●													●				●	●	●				
Salmonella enterica ssp enterica	●	●	●													●				●	●	●				
Salmonella ser. Enteritidis	●																									
Salmonella ser.Gallinarum	●	●	●													●										
Salmonella ser.Paratyphi A	●	●	●													●				●	●					
Salmonella ser.Paratyphi B	●																									
Salmonella ser.Pullorum	●	●	●													●				●	●					
Salmonella ser.Typhi	●	●	●													●				●	●	●				
Salmonella ser.Typhimurium	●															●										
Salmonella spp	●	●	●													●				●	●					
Saprochaete capitata									●	●															●	

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE			API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB		ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Schwanniomyces etchellsii/Priceomyces carsonii																									●	
Schwanniomyces etchellsii																									●	
Schwanniomyces polymorphus																									●	
Serratia ficaria	●		●													●				●	●					
Serratia fonticola	●		●													●				●	●					
Serratia grimesii																					●					
Serratia liquefaciens	●	●	●													●				●	●					
Serratia marcescens	●	●	●													●				●	●					
Serratia odorifera	●	●	●													●				●	●					
Serratia plymuthica	●		●													●				●	●					
Serratia proteamaculans																●				●	●					
Serratia proteamaculans																										
Serratia rubidaea	●		●													●				●	●					
Shigella boydii	●															●				●						
Shigella dysenteriae	●															●				●						
Shigella flexneri	●															●				●						
Shigella sonnei	●		●													●				●	●					
Shigella spp	●		●																	●	●					
Sphingobacterium multivorum			●																	●						
Sphingobacterium spiritivorum			●																	●						
Sphingomonas paucimobilis			●																	●						
Sporobolomyces salmonicolor										●															●	
Staphylococcus arlettae																							●			
Staphylococcus aureus							●																●			
Staphylococcus auricularis							●																●			
Staphylococcus capitis							●																●			
Staphylococcus caprae							●																●			
Staphylococcus carnosus							●																●			
Staphylococcus chromogenes							●																●			
Staphylococcus cohnii ssp cohnii							●																●			
Staphylococcus cohnii ssp urealyticus							●																●			
Staphylococcus epidermidis							●																●			
Staphylococcus equorum																							●			
Staphylococcus gallinarum																							●			
Staphylococcus haemolyticus							●																●			
Staphylococcus hominis							●																●			
Staphylococcus hyicus							●																●			
Staphylococcus intermedius							●																●			
Staphylococcus kloosii																							●			
Staphylococcus lentus							●																●			
Staphylococcus pseudintermedius																							●			
Staphylococcus saccharolyticus											●															
Staphylococcus saprophyticus							●																●			
Staphylococcus schleiferi							●																●			
Staphylococcus sciuri							●																●			
Staphylococcus simulans							●																●			
Staphylococcus warneri							●																●			
Staphylococcus xylosus							●																●			
Stenotrophomonas maltophilia	●	●	●	●																●						
Streptococcus acidominimus								●																●		

Species present in database
Species identifiable with additional tests

Changed taxon
New species

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE	API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB	ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Streptococcus agalactiae						●															●		
Streptococcus alactolyticus																					●		
Streptococcus anginosus						●															●		
Streptococcus bovis																					●		
Streptococcus canis						●															●		
Streptococcus constellatus ssp constellatus						●															●		
Streptococcus constellatus ssp pharyngis						●															●		
Streptococcus constellatus									●												●		●
Streptococcus downei																							●
Streptococcus downei/sobrinus																							●
Streptococcus dysgalactiae ssp dysgalactiae						●																	●
Streptococcus dysgalactiae ssp equisimilis						●																	●
Streptococcus equi ssp equi						●																	●
Streptococcus equi ssp zooepidemicus						●																	●
Streptococcus equinus						●																	●
Streptococcus gallolyticus ssp gallolyticus						●																	●
Streptococcus gallolyticus ssp pasteurianus						●																	●
Streptococcus gordonii																							●
Streptococcus group L						●																	●
Streptococcus infantarius ssp coli (Str.lutetiensis)						●																	●
Streptococcus infantarius ssp infantarius						●																	●
Streptococcus intermedius						●			●												●		
Streptococcus mitis						●															●		
Streptococcus mutans						●															●		
Streptococcus oralis						●															●		
Streptococcus parasanguinis																					●		
Streptococcus pluranimalium						●															●		
Streptococcus pneumoniae						●															●		
Streptococcus porcinus						●															●		
Streptococcus pyogenes						●															●		
Streptococcus salivarius ssp salivarius						●															●		
Streptococcus salivarius ssp thermophilus						●									●						●		
Streptococcus sanguinis						●															●		
Streptococcus sobrinus																					●		
Streptococcus suis I						●															●		
Streptococcus suis II						●															●		
Streptococcus uberis						●															●		
Streptococcus vestibularis																					●		
Tatumella ptyseos																		●					
Tetragenococcus halophilus															●								
Trichosporon asahii								●														●	
Trichosporon asteroides																						●	
Trichosporon inkin								●														●	
Trichosporon mucoides								●														●	
Trichosporon ovoides																						●	
Trichosporon spp							●																
Trueperella bernardiae										●													
Trueperella pyogenes										●													
Turicella otitidis										●													
Vibrio alginolyticus/parahaemolyticus		●																					
Vibrio alginolyticus	●		●	●										●			●	●					

	API® 20 E	API® 10 S	Rapid 20 E™	API® 20 NE	API® Staph	API® 20 Strep	API® Candida	API® 20 C AUX	API® 20 A	API® Coryne	API® Campy	API® Listeria	API® NH	API® 50 CHE	API® 50 CHL	API® 50 CHB	ID 32 E	Rapid ID 32 E	ID 32 GN	ID 32 Staph	Rapid ID 32 Strep	ID 32 C	Rapid ID 32 A
Vibrio cholerae	●		●	●										●			●	●					
Vibrio fluvialis	●		●	●										●			●	●					
Vibrio metschnikovii				●										●			●	●					
Vibrio mimicus	●			●										●			●						
Vibrio parahaemolyticus	●			●										●			●	●					
Vibrio vulnificus/cholerae		●																					
Vibrio vulnificus	●			●										●			●	●					
Veillonella parvula									●														
Veillonella spp																							●
Virgibacillus pantothenticus																●							
Weeksella virosa				●													●						
Weeksella virosa/Bergeyella zoohelcum																	●						
Weeksella virosa/Empedobacter brevis				●																			
Weissella confusa															●								
Weissella viridescens															●								
Yersinia aldovae														●									
Yersinia enterocolitica	●	●	●											●			●	●					
Yersinia frederiksenii/intermedia	●																						
Yersinia frederiksenii	●													●			●	●					
Yersinia intermedia	●													●			●	●					
Yersinia kristensenii	●													●			●	●					
Yersinia pestis	●		●											●									
Yersinia pseudotuberculosis	●	●	●											●			●	●					
Yersinia ruckeri	●													●			●	●					
Zygosaccharomyces spp																						●	

YEASTS NOMENCLATURE

Name in the database	Imperfect State	Perfect State	Other names
Candida albicans	Candida albicans		
Candida boidinii	Candida boidinii		
Candida catenulata	Candida catenulata		
Candida ciferrii	Candida ciferrii	Trichomonascus ciferrii	Stephanoascus ciferrii
Candida colliculosa	Candida colliculosa	Torulaspora delbrueckii	
Candida dattila	Candida dattila	Lachancea thermotolerans	Kluyveromyces thermotolerans
Candida dubliniensis	Candida dubliniensis		
Candida famata	Candida famata	Debaryomyces hansenii	
Candida glabrata	Candida glabrata		
Candida globosa	Candida globosa	Citeromyces matritensis	
Candida guilliermondii	Candida guilliermondii	Meyerozyma guilliermondii	
Candida hellenica	Candida hellenica	Zygoascus meyerae	
Candida holmii	Candida holmii	Kazachstania exigua	Saccharomyces exiguus
Candida inconspicua	Candida inconspicua		
Candida intermedia	Candida intermedia		
Candida kefyr	Candida kefyr	Kluyveromyces marxianus	
Candida krusei	Candida krusei	Pichia kudriavzevii	
Candida lambica	Candida lambica	Pichia fermentans	
Candida lipolytica	Candida lipolytica	Yarrowia lipolytica	
Candida lusitaniae	Candida lusitaniae	Clavispora lusitaniae	
Candida magnoliae	Candida magnoliae		
Candida melibiosica	Candida melibiosica		
Candida membranifaciens	Candida membranifaciens		
Candida norvegensis	Candida norvegensis	Pichia norvegensis	
Candida norvegica	Candida norvegica		
Candida parapsilosis	Candida parapsilosis		
Candida pelliculosa	Candida pelliculosa	Wickerhamomyces anomalus	
Candida pulcherrima	Candida pulcherrima	Metschnikowia pulcherrima	
Candida rugosa	Candida rugosa		
Candida sake	Candida sake		
Candida silvicola	Candida silvicola	Nakazawaea holstii	
Candida spherica	Candida spherica	Kluyveromyces lactis var lactis	
Candida thermophila	Candida thermophila	Ogataea polymorpha	Hansenula polymorpha,Pichia angusta
Candida tropicalis	Candida tropicalis		
Candida utilis	Candida utilis	Lindnera jadinii	
Candida valida	Candida valida	Pichia membranifaciens	
Candida zeylanoides	Candida zeylanoides		
Cryptococcus albidus	Cryptococcus albidus		
Cryptococcus curvatus	Cryptococcus curvatus		
Cryptococcus humicola	Cryptococcus humicola		
Cryptococcus laurentii	Cryptococcus laurentii		
Cryptococcus neoformans	Cryptococcus neoformans	Filobasidiella neoformans	
Cryptococcus terreus	Cryptococcus terreus		
Cryptococcus uniguttulatus	Cryptococcus uniguttulatus	Filobasidium uniguttulatus	
Geotrichum candidum	Geotrichum candidum	Galactomyces candidus	
Geotrichum fermentans	Geotrichum fermentans		
Geotrichum klebahnii	Geotrichum klebahnii		
Kloeckera apiculata	Kloeckera apiculata	Hanseniaspora uvarum	
Kloeckera apis	Kloeckera apis	Hanseniaspora guilliermondii	
Kloeckera japonica	Kloeckera japonica	Hanseniaspora valbyensis	
Kodamaea ohmeri	Kodamaea ohmeri		
Lachancea kluyverii		Lachancea kluyverii	Saccharomyces kluyveri
Lindnera saturnus		Lindnera saturnus	
Millerozyma farinosa	Millerozyma farinosa		
Priceomyces carsonii		Priceomyces carsonii	Pichia carsonii
Prototheca wickerhamii	Prototheca wickerhamii		
Rhodotorula glutinis	Rhodotorula glutinis		
Rhodotorula minuta	Rhodotorula minuta		
Rhodotorula mucilaginosa	Rhodotorula mucilaginosa		
Saccharomyces cerevisiae		Saccharomyces cerevisiae	
Saprochaete capitata	Saprochaete capitata	Magnusiomyces capitatus	
Schwanniomyces etchellsii		Schwanniomyces etchellsii	Pichia etchelsii
Schwanniomyces polymorphus		Schwanniomyces polymorphus	Debaryomyces polymorphus
Sporobolomyces salmonicolor	Sporobolomyces salmonicolor	Sporidiobolus salmonicolor	
Trichosporon asahii	Trichosporon asahii		
Trichosporon asteroides	Trichosporon asteroides		
Trichosporon inkin	Trichosporon inkin		
Trichosporon mucoides	Trichosporon mucoides		
Trichosporon ovoides	Trichosporon ovoides		

REAGENTS TO BE ORDERED

	API 20 E® (a)	RapiD 20E	API 10 S	API 20 NE	API Staph	API 20 Strep	API Coryne	API Listeria	API Candida	API 20 C AUX	API 20 A®	API Campy	API NH	API ZYM	API 50 CH -50430	API 50 CHB/E -20100	API 20 E (a)	API 50 CH 50 CHL
	20100	20700	10100	20050	20500	20600	20900	10300	10500	20210	20300	20800	10400	25200	50300			50300-50410
ADDITIONAL REAGENTS																		
Zn (2x10g)	X			X											X			
TDA (2x1 ampule)	1/8		1/4												1/20			
VP 1 VP 2 (2x2 ampules)	1/8	1/8			1/8	1/8									1/20			
NIT 1 NIT 2 (2x2 ampules)	1/8		1/4	1/8	1/8		1/20								1/20			
ZYM A (2x1 ampule)					1/8	1/8	1/20					1/20		1/5				
ZYM B (2x1 ampule)					1/8	1/8	1/20							1/5				
NIN (2 ampules)						1/4												
BCP (1 ampule)											1/2	1/4						
EHR (1 ampule)											1/2							
XYL (2 ampules)											1/8							
James (2x1 ampule)	1/8	1/8	1/4	1/8											1/20			
FB (2x1 ampule)																		
PYZ (2 ampules)							1/20	X				1/4						
SUSPENSION MEDIUM																		
NaCl 0.85% Medium (5 ml)												X			1/10			
NaCl 0.85% Medium (3 ml)												X						
NaCl 0.85% Medium (2 ml)		1/4		1/4														
Suspension Medium (5 ml)	1/4		1/2											1/4				1/10
Suspension Medium (2 ml)						1/4				1/4					1/10			1/10
ADDITIONAL PRODUCTS																		
Oxidase Reagent	X	X	X	X								X						
API® OF Medium				X														
API® M Medium				X														
ParafFin oil	X	X	X	X	X	X	X		X		X	X	X		X			X
Rack of 12 ampules	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X
Sterile PSIpettes (5ml)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X
Swabs						X	X		X		X	X	X		X			X
Mc Farland standard		X		X	X	X		X	X	X	X		X	X	X			X

***figures** = recommended quantity of additional reagent(s) for each strip kit ordered
(eg. TDA = 1/8 <=> 1/8 of kit ref. 70402 (2 TDA ampoules) is required to use one kit of ref. 20100 (25 API 20 E strips)

X = additional product required
(a) : for the API 20 E strip, use the additional reagent kit ref. 20120 (7 ampules)

REAGENTS TO BE ORDERED

	ID 32 Staph	ID 32 C	ID 32 E	Rapid ID 32 E	Rapid ID 32 A	Rapid ID 32 Strep
	32500	32200	32400	32700	32300	32600
ADDITIONAL REAGENTS						
VP A VP B (2x2 ampules)	1/8					1/8
NIT 1 NIT 2	1/8				1/8	
NIN						1/8
James			1/8	1/8	1/8	
FB	1/8				1/8	1/8

SIMPLIFIED METHODOLOGIES

STRIPS	RÉF	MICRO ORGANISMS	SUSPENSION	MC FARLAND	TRANSFERT	MEDIUM	INCUBATION	ATMOSPHERE
API® 20 E	20100 20160	Enterobacteriaceae and other non-fastidious Gram negative bacilli	NaCl 0.85% Medium 5 ml ou Suspension Medium 5 ml	1 colony	NA	NA	37°C 18-24h/48h	Aerobic
RapiD 20 E	20701	Enterobacteriaceae	NaCl 0.85% Medium 2 ml	0.5 McF	NA	NA	37°C 4h	Aerobic
API® 10 S	10100	Enterobacteriaceae and other non-fastidious Gram negative bacilli	NaCl 0.85% Medium 5 ml ou Suspension Medium 5 ml	1 colony	NA	NA	37°C 18-24h	Aerobic
API® 20 NE	20050	Non-Enterobacteriaceae and non-fastidious Gram negative bacilli	NaCl 0.85% Medium 2 ml	0.5 McF	200 µL	API AUX	30°C 24-48h	Aerobic
API® Staph	20500	Genres Staphylococcus, Kocuria and Micrococcus	API Staph Medium	0.5 McF	NA	Medium	37°C 18-24h	Aerobic
API® 20 Strep	20600	Streptocoques	Suspension Medium 2 ml	4 McF	500 µl	NA	37°C 4h-24h	Aerobic
API® Coryne	20900	Bacteries coryneformes	Suspension Medium 3 ml	>6 McF	500 µl	Medium	37°C 24h	Aerobic
API® Listeria	10300	Listeria	Suspension Medium 2 ml	1 McF	NA	API GP	37°C 24h	Aerobic
API® Candida	10500	Yeasts	NaCl 0.85% Medium 2 ml	3 McF	NA	Medium	37°C 18-24h	Aerobic
API® 20 C AUX	20210	Yeasts	NaCl 0.85% Medium 2 ml Suspension Medium 2 ml	2 McF	100 µl	NA	30°C 48-72h	Aerobic
API® 20 A	20300	Anaerobes	API 20 A Medium	3 McF	NA	NA	37°C 24h	Anaerobic
API® Campy	20800	Campylobacter	NaCl 0.85 % Medium 3 ml	6 McF	150 µl	API C	37°C 24h	Aerobic/CO_2
API® NH	10400	Neisseria – Haemophilus and *Moraxella (Branhamella)* catarrhalis	NaCl 0.85% Medium 2 ml	4 McF	NA	Medium	37°C 2h	Aerobic
API® ZYM	25200	Semi-quantitative enzyme activity tests	NaCl 0.85% Medium 2 ml ou Suspension Medium 2 ml	5-6 McF	NA	NA	37°C 4h	Aerobic
API® 50 CH **API® 50 CHB/E**	50300 50430	Bacillus	NaCl 0.85% Medium 5 ml + API 50 CHB/E Medium	2 McF 2 McF	NA	API AUX	30°C 24-48h 55°C 3/6-24h	Aerobic
API® 50 CH **API® 50 CHB/E**	50300 50430	*Enterobacteriaceae*	NaCl 0.85% Medium 5 ml + API 50 CHB/E Medium	0.5 McF 0.5 McF	NA	Medium	37°C 24-48h	Aerobic
API® 50 CH **API® 50 CHL**	50300 50410	Lactobacillus	API 50 CHL Medium	2 McF	NA	NA	30/37°C 48h	Aerobic

SIMPLIFIED METHODOLOGIES

STRIPS	RÉF	BACTERIA	SUSPENSION INOCULATOR 3 ML MANUAL 2 ML	MC FARLAND	TRANSFERT	MEDIUM	VOLUME DISPENSED	TEMP. INCUBATION	ATMOSPHERE
Rapid ID 32 E	32700	Enterobacteriaceae	NaCl 0.85% Medium	0.5	NA	NA	55 µl x 32	37°C 4h	Aerobic
Rapid ID 32 A	20701	Enterobacteriaceae	Suspension Medium	0.5 McF	NA	NA	55 µl x 32	37°C 4h	Aerobic
ID 32 E	10100	Streptoccoci	Suspension Medium	1 colonie	NA	NA	55 µl x 32	37°C 4h	Aerobic
ID 32 STAPH	20050	Enterobacteriaceae Non Enterobacteriaceae	NaCl 0.85% Medium	0.5 McF	NA	NA	55 µl x 32	37°C 24h	Aerobic + humidity
API® Staph	20500	Staphylococci	Suspension Medium	0.5 McF	NA	NA	55 µl x 32	37°C 24h	Aerobic + humidity
ID 32 C	20600	Yeasts	Suspension Medium	4 McF	250 µl	API C Medium	135 µl x 32	30°C 24/48h	Aerobic + humidity

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