

TaqMan Comprehensive Microbiota Control

A high-coverage amplification control to use with TaqMan microbial and antibiotic resistance panels

- **Comprehensive**—contains amplicon sequences for over 400 of the most common Applied Biosystems™ TaqMan® Assays for microbial detection and antibiotic resistance
- **Inventoried**—receive your amplification control quickly
- **Flexible**—assay list will be updated at least once per year to help ensure assay coverage aligns with the most popular microbial assays



Introduction

The Applied Biosystems™ TaqMan® Comprehensive Microbiota Control contains a pool of linearized multi-target plasmids with microbial target sequences commonly used on Applied Biosystems™ TaqMan® OpenArray™ and TaqMan® Array Card panels. The control has relevant targets for many microbial profiling applications, including respiratory tract, urinary tract, vaginal microbiota, and antibiotic resistance. The TaqMan Comprehensive Microbiota Control comes in two versions: a low-concentration control (Cat. No. A50382), which can be included as a positive control for panel-specific amplification to verify assay performance and to help with troubleshooting; and a high-concentration control (Cat. No. A50383), which can also be used to determine parameters necessary for analytical validation (e.g., limit of detection and C_t cutoff values).

In addition to microbial targets, the control also contains target sequences for common workflow controls, such as the Applied Biosystems™ TaqMan® Universal RNA Spike-In/Reverse Transcription (Xeno) Control, TaqMan® Universal Extraction Control Organism (*B. atrophaeus*), pan-bacterial 16S rRNA gene, and the human RNase P gene.

Assay coverage

Assay ID	Alternate assay ID	Assay name	Type
Ba07320003_s1	AI39TLZ	sul2	Antibiotic resistance
Ba07320002_s1	APFVNEM	mcr-1	Antibiotic resistance
Ba07320001_s1	APMFXGC	nimD	Antibiotic resistance
Ba07319996_s1	APKA3TT	aph(3)-VI	Antibiotic resistance
Ba07319994_s1	AIPAEQC	erm(C)	Antibiotic resistance
Ba07319993_s1	APEPUUP	mecC	Antibiotic resistance
Ba07319992_s1	AP47XMJ	cfr	Antibiotic resistance
Ba07319991_s1	APWCWGH	aac(6)-Ib	Antibiotic resistance
Ba07319989_s1	AI70N4N	dfrA	Antibiotic resistance
Ba07319988_s1	AI5IRR7	sul1	Antibiotic resistance
Ba07319987_s1	APKA3WE	nimA	Antibiotic resistance
Ba07319986_s1	APYMJ7W	dfrA5	Antibiotic resistance
Ba07319985_s1	APXGTRY	blaSHV	Antibiotic resistance
Ba07319982_s1	APXGP2F	aac(6)-Ib	Antibiotic resistance
Ba07319979_s1	APU64KC	tet(S)	Antibiotic resistance
Ba04931076_s1	AIHSPNW	blaNDM	Antibiotic resistance
Ba04930816_s1	AIRSA0W	blaOXA-48	Antibiotic resistance
Ba04646160_s1		qnrA	Antibiotic resistance
Ba04646159_s1		vanA	Antibiotic resistance
Ba04646158_s1		blaIMP	Antibiotic resistance
Ba04646157_s1		blaPER	Antibiotic resistance
Ba04646156_s1		blaMOX	Antibiotic resistance
Ba04646155_s1		blaVIM	Antibiotic resistance
Ba04646154_s1		blaCTX	Antibiotic resistance
Ba04646153_s1		blaVEB	Antibiotic resistance
Ba04646152_s1*	AIKAL1G	blaKPC	Antibiotic resistance
Ba04646151_s1		blaGES	Antibiotic resistance
Ba04646150_s1		vanB	Antibiotic resistance
Ba04646149_s1		blaCTX-M	Antibiotic resistance
Ba04646148_s1		ndm1	Antibiotic resistance
Ba04646147_s1		vanA	Antibiotic resistance
Ba04646145_s1*	AIGJREU	qnrS	Antibiotic resistance
Ba04646144_s1		blaACC	Antibiotic resistance
Ba04646143_s1		blaOXA-51	Antibiotic resistance
Ba04646142_s1		blaCTX-M	Antibiotic resistance
Ba04646140_s1		blaPER	Antibiotic resistance
Ba04646139_s1		blaOXA-23	Antibiotic resistance
Ba04646138_s1		blaOXA-48	Antibiotic resistance
Ba04646137_s1	AIQJCWK	erm(A)	Antibiotic resistance
Ba04646136_s1		blaOXA-58	Antibiotic resistance
Ba04646135_s1		blaCMY	Antibiotic resistance
Ba04646134_s1		blaSHV	Antibiotic resistance
Ba04646133_s1		blaOXA-1	Antibiotic resistance
Ba04646131_s1*	AIT9641	blaIMP	Antibiotic resistance
Ba04646130_s1		vanC	Antibiotic resistance
Ba04646129_s1		vanC	Antibiotic resistance

* Assay is present in two copies.

Assay ID	Alternate assay ID	Assay name	Type
Ba04646128_s1		blaTEM	Antibiotic resistance
Ba04646127_s1*	AIRSASL	blaCTX-M	Antibiotic resistance
Ba04646126_s1		blaFOX	Antibiotic resistance
Ba04646124_s1		blaMIR	Antibiotic resistance
Ba04646122_s1		vanC	Antibiotic resistance
Ba04646121_s1		blaNDM	Antibiotic resistance
Ba04646120_s1		blaDHA	Antibiotic resistance
Ba04646119_s1		blaIMP	Antibiotic resistance
Ba04646118_s1		blaOXA-24	Antibiotic resistance
Ba04646117_s1		blaACT	Antibiotic resistance
Ba04646116_s1		blaIMP	Antibiotic resistance
Ba04230915_s1		tet(M)	Antibiotic resistance
Ba04230913_s1		erm(B)	Antibiotic resistance
Ba04230908_s1		mecA	Antibiotic resistance
Ba04230904_s1		mef(A)	Antibiotic resistance
Ba04230900_s1		vanZ	Antibiotic resistance
APYMKP3		Tet-B	Antibiotic resistance
APXGRWR		<i>E. coli</i>	Antibiotic resistance
APXGRMY		dfrA	Antibiotic resistance
AP3227F		<i>E. coli</i>	Antibiotic resistance
AIMSJA2		blaOXA-51	Antibiotic resistance
AIKAMPY		aadA1	Antibiotic resistance
Hs99999901_s1		Eukaryotic 18S rRNA	Control
Hs04930436_g1		Human RNase P	Control
Ba06596576_s1	APGZFA7	<i>Bacillus atrophaeus</i>	Control
Ba04930791_s1	AIMSIAU	Pan-bacterial 16S	Control
At02233912_g1		<i>Arabidopsis APX1</i>	Control
Ac04646146_a1		Exogenous IPC	Control
Ac00010014_a1		Xeno control	Control
Vi07319419_s1	APXGT9Z	Human rhinovirus 3	Microbial detection
Vi07319417_s1	AP324JP	Human rhinovirus A40 strain 7D5	Microbial detection
Vi06439676_s1	AIBJZGW	Influenza A virus	Microbial detection
Vi06439675_s1	AIX02SA	Human herpesvirus 4; Epstein-Barr virus	Microbial detection
Vi06439674_s1	AIBJZGC	Human coronavirus HKU1	Microbial detection
Vi06439673_s1	AIVI55D	Human coronavirus NL64	Microbial detection
Vi06439672_s1	APAAAWU	Human rubulavirus 2; human parainfluenza virus 3	Microbial detection
Vi06439671_s1	AIWR4BL	Human coronavirus 229E	Microbial detection
Vi06439670_s1	APCE4GR	Human respirovirus 3; human parainfluenza virus 4	Microbial detection
Vi06439669_s1	APFVK4U	Enterovirus D 68	Microbial detection
Vi06439667_s1	AIQJDI3	Influenza B virus	Microbial detection
Vi06439666_s1	AI70NYN	Influenza A/H1	Microbial detection
Vi06439665_s1	APXGRVA	Parechovirus A	Microbial detection
Vi06439663_s1	APH6ADD	Human rubulavirus 4	Microbial detection

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Assay ID	Alternate assay ID	Assay name	Type
Vi06439660_s1	AP2W7MG	Human respiratory syncytial virus A	Microbial detection
Vi06439659_s1	AP32Z7E	Human respiratory syncytial virus B	Microbial detection
Vi06439658_s1	APRWE6A	Human adenovirus B; human adenovirus E	Microbial detection
Vi06439657_s1	APKA3DE	Mumps rubulavirus	Microbial detection
Vi06439654_s1	APFVKMM	Measles morbillivirus	Microbial detection
Vi06439650_s1	AP322PK	Human metapneumovirus	Microbial detection
Vi06439648_s1	APNKRZF	Human adenovirus B	Microbial detection
Vi06439647_s1	AI0IYXS	Human herpesvirus 3; varicella-zoster virus	Microbial detection
Vi06439646_s1	AIHSQCH	Human coronavirus OC44	Microbial detection
Vi06439644_s1	AI20VG2	MERS	Microbial detection
Vi06439643_s1	AI1RW30	Human herpesvirus 5; cytomegalovirus	Microbial detection
Vi06439642_s1	AP9HJH3	Human respirovirus 1; human parainfluenza virus 2	Microbial detection
Vi06439641_s1	APCE4J2	Human bocavirus	Microbial detection
Vi06439637_s1	APXGREW	Rhinovirus B	Microbial detection
Vi06439636_s1	AIS090M	Human rhinovirus	Microbial detection
Vi06439635_s1	AID1VTC	Influenza A/H3	Microbial detection
Vi06439634_s1	AP322CR	SARS	Microbial detection
Vi06439631_s1	AP7DPVF	Human enterovirus	Microbial detection
Vi06439629_s1	APH6AAN	Human adenovirus C	Microbial detection
Vi06439627_s1	AI1RW3J	Human herpesvirus 6a/6b	Microbial detection
Vi04646232_s1	AI5IQ07	Human herpesvirus 2; herpes simplex virus 2	Microbial detection
Vi04230116_s1	AI39SUZ	Human herpesvirus 1; herpes simplex virus 1	Microbial detection
Vi03453414_s1		Human immunodeficiency virus 2	Microbial detection
Vi03453412_s1		Adenovirus C	Microbial detection
Vi03453409_s1		Human immunodeficiency virus 1	Microbial detection
Vi03453408_s1		Hepatitis C virus	Microbial detection
Vi03453406_s1		Hepatitis B virus	Microbial detection
Vi03453405_s1		Hepatitis B virus	Microbial detection
Vi03453404_s1		Human betaherpesvirus 7; herpes simplex virus 7	Microbial detection
Vi03453402_s1		Human polyomavirus 2; JC virus	Microbial detection
Vi03453401_s1		Human polyomavirus 1; BK virus	Microbial detection
Vi03453400_s1		Human herpesvirus 5; cytomegalovirus	Microbial detection
Vi03453399_s1		Human herpesvirus 4; Epstein-Barr virus	Microbial detection
Vi03453397_s1		Human T-lymphotropic virus 1	Microbial detection
Pr04646256_s1	AIGJQ69	<i>Trichomonas vaginalis</i>	Microbial detection
Pr04347817_s1		<i>Leishmania</i>	Microbial detection

Assay ID	Alternate assay ID	Assay name	Type
Pr04347816_s1		<i>Leishmania</i>	Microbial detection
Fn06439626_s1	AIVI6BD	<i>Pneumocystis jirovecii</i>	Microbial detection
Fn04646250_s1	AIRSAL1	<i>Pichia kudriavzevii</i>	Microbial detection
Fn04646244_s1	AIHSPBD	<i>Candida dubliniensis</i>	Microbial detection
Fn04646241_s1	AIFATJS	<i>Clavispora lusitanae</i>	Microbial detection
Fn04646240_s1	AI6RORE	<i>Candida glabrata</i>	Microbial detection
Fn04646233_s1	AI1RWKD	<i>Candida albicans</i>	Microbial detection
Fn04646223_s1	AIWR3VL	<i>Candida krusei</i>	Microbial detection
Fn04646221_s1	AIQJCI	<i>Candida parapsilosis</i>	Microbial detection
Fn04646220_s1	AI1RV2I	<i>Candida tropicalis</i>	Microbial detection
Ba07286617_s1	APCE6VN	<i>Citrobacter freundii</i>	Microbial detection
Ba07286616_s1	APDJZFK	<i>Citrobacter freundii</i>	Microbial detection
Ba06439625_s1	AI0IYWE	<i>Haemophilus influenzae</i>	Microbial detection
Ba06439624_s1	AI70NXL	<i>Bordetella</i> sp.	Microbial detection
Ba06439623_s1	AI20U8U	<i>Bordetella pertussis</i>	Microbial detection
Ba06439622_s1	APXGPZ3	<i>Moraxella catarrhalis</i>	Microbial detection
Ba06439621_s1	AIVI57I	<i>Bordetella holmesii</i>	Microbial detection
Ba06439620_s1	AI5IRK5	<i>Mycoplasma pneumoniae</i>	Microbial detection
Ba06439619_s1	APZTD4A	<i>Streptococcus pneumoniae</i>	Microbial detection
Ba06439618_s1	AI89L3T	<i>Coxiella burnetii</i>	Microbial detection
Ba06439617_s1	AI20U8P	<i>Legionella pneumophila</i>	Microbial detection
Ba06439616_s1	AI1RW2H	<i>Chlamydia pneumoniae</i>	Microbial detection
Ba04932088_s1	AIHSP9E	<i>Citrobacter freundii</i>	Microbial detection
Ba04932087_s1	APH49RU	<i>Enterobacter cloacae</i>	Microbial detection
Ba04932086_s1	APPRJ2H	<i>Enterococcus faecium</i>	Microbial detection
Ba04932085_s1	AIQJC49	<i>Staphylococcus xylosus</i> ; <i>Staphylococcus saprophyticus</i>	Microbial detection
Ba04932084_s1	AIVI55U	<i>Acinetobacter baumannii</i>	Microbial detection
Ba04932083_s1	AIAA1I9	<i>Klebsiella pneumoniae</i>	Microbial detection
Ba04932082_s1		<i>Proteus vulgaris</i>	Microbial detection
Ba04932081_s1	AIRSBQC	<i>Pseudomonas aeruginosa</i>	Microbial detection
Ba04932080_s1	AIWR4MN	<i>Klebsiella aerogenes</i>	Microbial detection
Ba04932079_s1	AIT97ZM	<i>Klebsiella oxytoca</i>	Microbial detection
Ba04932078_s1	AI11OFM	<i>Morganella morganii</i>	Microbial detection
Ba04932077_s1	AIKAMLU	<i>Providencia stuartii</i>	Microbial detection
Ba04932076_s1	AIPAAY1	<i>Proteus mirabilis</i>	Microbial detection
Ba04646278_s1	AIRSBBH	<i>Prevotella bivia</i>	Microbial detection
Ba04646276_s1	AIPAEEK3	<i>Streptococcus agalactiae</i>	Microbial detection
Ba04646259_s1	AI0IXYJ	<i>Staphylococcus aureus</i>	Microbial detection
Ba04646258_s1	AIN1GGT	<i>Lactobacillus jensenii</i>	Microbial detection
Ba04646257_s1	AIKALX5	<i>Lactobacillus iners</i>	Microbial detection
Ba04646255_s1	AIGJQX1	<i>Mycoplasma hominis</i>	Microbial detection
Ba04646254_s1	AIHSO39	<i>Ureaplasma urealyticum</i>	Microbial detection
Ba04646252_s1	AIRSAXJ	<i>Neisseria gonorrhoeae</i>	Microbial detection
Ba04646251_s1	AI39SWT	<i>Mycoplasma genitalium</i>	Microbial detection
Ba04646249_s1	AIQJCRB	<i>Chlamydia trachomatis</i>	Microbial detection
Ba04646248_s1	AI1RV4R	<i>E. coli</i> , <i>Shigella</i>	Microbial detection

Assay ID	Alternate assay ID	Assay name	Type
Ba04646247_s1	AIGJRP0	<i>Enterococcus faecalis</i>	Microbial detection
Ba04646246_s1	AIMSIK4	<i>Mobiluncus mulieris</i>	Microbial detection
Ba04646245_s1	AIMSH8N	<i>Lactobacillus crispatus</i>	Microbial detection
Ba04646242_s1	AIHSPV8	<i>Escherichia coli</i>	Microbial detection
Ba04646237_s1	AIX007B	<i>Treponema pallidum</i>	Microbial detection
Ba04646236_s1	AI0IXJR	<i>Gardnerella vaginalis</i>	Microbial detection
Ba04646235_s1	AILJKEW	<i>Mobiluncus curtisii</i>	Microbial detection
Ba04646234_s1	AI11NRX	<i>Lactobacillus gasseri</i>	Microbial detection
Ba04646231_s1	AICSWL3	<i>Megasphaera 2</i>	Microbial detection
Ba04646230_s1	AICSWFD	<i>Megasphaera 1</i>	Microbial detection
Ba04646229_s1	AIN1GRC	BVAB2	Microbial detection
Ba04646228_s1	AIRSAXK	<i>Haemophilus ducreyi</i>	Microbial detection
Ba04646225_s1	AID1VDK	<i>Bacteroides fragilis</i>	Microbial detection
Ba04646222_s1	AICSW7C	<i>Atopobium vaginae</i>	Microbial detection
Ba04646141_s1		<i>Staphylococcus epidermidis</i>	Microbial detection
Ba04646123_s1		<i>Staphylococcus aureus</i>	Microbial detection
Ba04230918_s1		<i>Staphylococcus epidermidis</i>	Microbial detection
APZTGWJ		<i>Raoultella ornithinolytica</i>	Microbial detection
APZTGWG		<i>Acinetobacter baumannii-calcoaceticus</i> complex	Microbial detection
APZTFXH		<i>Mobiluncus curtisii</i> ; <i>Mobiluncus mulieris</i>	Microbial detection
APZTFPU		<i>Prevotella intermedia</i>	Microbial detection
APZTFHR		<i>Helicobacter pylori</i>	Microbial detection
APZTFAZ		<i>Burkholderia</i>	Microbial detection
APZTFAJ		<i>Propionibacterium acnes</i> ; <i>Cutibacterium acnes</i>	Microbial detection
APZTF3M		<i>E. coli</i> , synthetic <i>Escherichia</i> sp.	Microbial detection
APZTEJW		<i>Stenotrophomonas maltophilia</i>	Microbial detection
APZTEGF		<i>Vibrio cholerae</i>	Microbial detection
APZTEGE		<i>E. coli</i> EHEC	Microbial detection
APZTD3C		<i>Proteus mirabilis</i>	Microbial detection
APYMNJ3		<i>Actinotignum schaalii</i>	Microbial detection
APYMMUD		<i>Coccidioides immitis</i> ; <i>Coccidioides posadasii</i>	Microbial detection
APYMMC4		<i>Staphylococcus aureus</i>	Microbial detection
APYMAA3		<i>Streptococcus dysgalactiae</i>	Microbial detection
APYMM2F		<i>Citrobacter koseri</i>	Microbial detection
APYMKP2		<i>Fusarium oxysporum</i>	Microbial detection
APYMKFZ		<i>Eggerthella lenta</i>	Microbial detection
APYMJYY		<i>Staphylococcus</i>	Microbial detection
APYMJWH		<i>Vibrio vulnificus</i>	Microbial detection
APXGUPM		<i>Legionella longbeachae</i>	Microbial detection
APXGUDD		<i>Staphylococcus capitis</i>	Microbial detection
APXGTZ2		<i>Stenotrophomonas maltophilia</i>	Microbial detection
APXGTR6		<i>Leptotrichia</i> sp.	Microbial detection
APXGTPK		<i>Fusobacterium nucleatum</i>	Microbial detection

Assay ID	Alternate assay ID	Assay name	Type
APXGRW7		<i>Anaerococcus</i> sp.	Microbial detection
APXGRRV		<i>Streptococcus sanguinis</i>	Microbial detection
APXGRE2		<i>Staphylococcus</i>	Microbial detection
APXGRCK		<i>Vibrio parahaemolyticus</i>	Microbial detection
APXGRCJ		<i>Cryptosporidium parvum</i> ; <i>Cryptosporidium hominis</i>	Microbial detection
APWCYVP		<i>Astrovirus</i>	Microbial detection
APWCYTW		<i>Mycobacterium chelonae</i>	Microbial detection
APWCXMC		<i>Curvularia lunata</i>	Microbial detection
APWCWU4		<i>Peptostreptococcus prevotii</i>	Microbial detection
APWCWTJ		<i>E. coli</i> ETEC	Microbial detection
APU64TX		<i>E. coli</i> ; synthetic <i>Escherichia</i> sp.	Microbial detection
APU64N6		Zika virus	Microbial detection
APU6297		<i>Peptostreptococcus asaccharolyticus</i>	Microbial detection
APU626R		<i>Salmonella</i>	Microbial detection
APU626P		<i>Campylobacter jejuni</i>	Microbial detection
APTZ9W7		CONS	Microbial detection
APTZ9KT		<i>Anaerococcus vaginalis</i>	Microbial detection
APT2AEX		<i>Prevotella loescheii</i>	Microbial detection
APT2AD3		<i>Cryptosporidium parvum</i>	Microbial detection
APRWHAY		<i>Lactobacillus reuteri</i>	Microbial detection
APRWG9D		<i>E. coli</i>	Microbial detection
APRWG74		<i>Trichophyton terrestre</i>	Microbial detection
APRWFYE		<i>Trichosporon asahii</i>	Microbial detection
APRWFT6		<i>Clostridium novyi</i>	Microbial detection
APRWE4D		<i>Peptoniphilus harei</i>	Microbial detection
APRWE37		<i>Sapovirus GI</i>	Microbial detection
APPRNP2		<i>Lactobacillus rhamnosus</i>	Microbial detection
APPRM6F		<i>Haemophilus haemolyticus</i> ; <i>Haemophilus influenzae</i>	Microbial detection
APNKUEE		Human T-cell lymphotropic virus	Microbial detection
APNKTYU		<i>Kingella kingae</i>	Microbial detection
APNKRYH		Norovirus genogroup 1	Microbial detection
APNKRV2		<i>Listeria monocytogenes</i>	Microbial detection
APMFZVH		<i>Malassezia globosa</i>	Microbial detection
APMFZJU		<i>Burkholderia cepacia</i>	Microbial detection
APMFXXM		<i>Staphylococcus haemolyticus</i>	Microbial detection
APMFXCZ		<i>Cyclospora cayetanensis</i>	Microbial detection
APMFWZM		<i>Streptococcus pneumoniae</i>	Microbial detection
APKA7AK		<i>Malassezia restricta</i>	Microbial detection
APKA647		<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Montevideo	Microbial detection
APKA4WM		<i>Campylobacter jejuni</i>	Microbial detection
APKA4HH		<i>Pasteurella multocida</i>	Microbial detection
APKA3UH		Human rotavirus ADRV-N	Microbial detection

Assay ID	Alternate assay ID	Assay name	Type
APKA3R3		<i>Coccidioides posadasii</i> , <i>Coccidioides immitis</i> +C257:C295	Microbial detection
APH6DCG		<i>Sapovirus II</i> ; <i>Sapovirus IV</i>	Microbial detection
APH6AYG		<i>Blastomyces dermatitidis</i> , <i>Blastomyces gilchristii</i>	Microbial detection
APH6AXJ		<i>Aspergillus flavus</i>	Microbial detection
APH499R		<i>Encephalitozoon intestinalis</i>	Microbial detection
APH4966		<i>Clostridium septicum</i>	Microbial detection
APGZHZE		<i>Elizabethkingia meningoseptica</i>	Microbial detection
APGZH9X		<i>Aerococcus sanguinicola</i>	Microbial detection
APGZH79		<i>Providencia rettgeri</i>	Microbial detection
APGZGYJ		<i>Cladosporium</i>	Microbial detection
APGZGRT		<i>Vibrio parahaemolyticus</i>	Microbial detection
APGZFNU		<i>Histoplasma capsulatum</i>	Microbial detection
APGZFK9		<i>Clostridium septicum</i>	Microbial detection
APGZFAV		<i>Streptococcus pyogenes</i>	Microbial detection
APGZE73		Human papillomavirus type 68	Microbial detection
APFVPGF		<i>Achromobacter xylooxidans</i>	Microbial detection
APFVPF2		Hepatitis B	Microbial detection
APFVNPX		<i>Clostridium difficile</i>	Microbial detection
APFVN94		<i>Staphylococcus hominis</i> sub- sp. <i>hominis</i>	Microbial detection
APFVMCT		<i>Helicobacter pylori</i>	Microbial detection
APFVMAX		<i>Aspergillus fumigatus</i>	Microbial detection
APFVKXC		<i>Peptostreptococcus anaerobius</i>	Microbial detection
APFVKPE		<i>Neisseria meningitis</i>	Microbial detection
APFVK2C		<i>Clostridium perfringens</i>	Microbial detection
APEPVKP		<i>Yersinia enterocolitica</i>	Microbial detection
APEPVDU		<i>Mycobacteroides abscessus</i>	Microbial detection
APEPUND		Rubella virus	Microbial detection
APEPUKX		<i>Escherichia coli</i> EAEC	Microbial detection
APEPU9W		<i>Staphylococcus lugdunensis</i>	Microbial detection
APEPTHY		<i>Fusobacterium necrophorum</i>	Microbial detection
APEPTGE		<i>Mycobacterium tuberculosis</i> complex	Microbial detection
APDJZJ6		<i>Prevotella oralis</i>	Microbial detection
APDJYZZ		<i>E. coli</i> EIEC; <i>Shigella</i>	Microbial detection
APDJY9N		<i>Trichophyton verrucosum</i>	Microbial detection
APDJXZT		<i>Clostridium difficile</i>	Microbial detection
APDJXMF		<i>Veillonella</i>	Microbial detection
APDJXJ3		<i>Streptococcus pyogenes</i>	Microbial detection
APCE7FV		<i>Plesiomonas shigelloides</i>	Microbial detection
APCE6P2		<i>E. coli</i> EPEC	Microbial detection
APCE6NP		<i>Corynebacterium amycolatum</i>	Microbial detection
APCE6FT		HIV-1	Microbial detection
APCE6F3		<i>E. coli</i> ETEC	Microbial detection
APCE4P6		<i>Streptococcus viridans</i> group	Microbial detection

Assay ID	Alternate assay ID	Assay name	Type
APCE4FV		<i>Clostridium difficile</i>	Microbial detection
APCE4D4		<i>Dientamoeba fragilis</i>	Microbial detection
APCE43F		<i>Bacteroides vulgatus</i>	Microbial detection
APCE439		<i>Malassezia furfur</i>	Microbial detection
APAADMN		<i>Streptococcus constellatus</i> subsp. <i>pharyngis</i>	Microbial detection
APAADM2		<i>Bartonella henselae</i>	Microbial detection
APAADFJ		Hepatitis C virus 2	Microbial detection
APAACV6		<i>E. coli</i> EPEC, EHEC	Microbial detection
APAACJC		<i>Malassezia sympodialis</i>	Microbial detection
APAACDX		<i>Alternaria</i>	Microbial detection
APAAAT7		<i>Cryptococcus neoformans</i>	Microbial detection
AP9HMR6		<i>Acinetobacter johnsonii</i>	Microbial detection
AP9HKX2		<i>Candida auris</i>	Microbial detection
AP9HKKF		<i>Corynebacterium diphtheriae</i>	Microbial detection
AP9HJG7		<i>Campylobacter coli</i>	Microbial detection
AP9HJFG		<i>Corynebacterium jeikeium</i>	Microbial detection
AP9HJCZ		Hepatitis A	Microbial detection
AP9HJ6K		<i>Malassezia globosa</i>	Microbial detection
AP9HJ44		<i>Trichophyton</i> sp.	Microbial detection
AP7DTTD		<i>Fusarium oxysporum</i>	Microbial detection
AP7DTPE		<i>Pasteurella canis</i>	Microbial detection
AP7DTNY		<i>Mycobacterium kansasii</i>	Microbial detection
AP7DTKZ		<i>Nocardia</i> sp.	Microbial detection
AP7DTGW		Hepatitis C virus 1a	Microbial detection
AP7DRXH		<i>Salmonella</i>	Microbial detection
AP7DRKN		<i>Malassezia restricta</i>	Microbial detection
AP7DR6U		<i>Mycobacterium fortuitum</i>	Microbial detection
AP7DR4Y		<i>Peptoniphilus ivorii</i>	Microbial detection
AP7DR2J		<i>Citrobacter amalonaticus</i>	Microbial detection
AP7DPVJ		<i>Corynebacterium</i> sp.	Microbial detection
AP7DP63		<i>Trichosporon mucoides</i>	Microbial detection
AP47YVU		<i>Oligella urethralis</i>	Microbial detection
AP47YK7		<i>Acinetobacter junii</i>	Microbial detection
AP47YGX		<i>Fusarium solani</i>	Microbial detection
AP47YEC		<i>Trichophyton interdigitale</i>	Microbial detection
AP47XKC		<i>Bacteroides fragilis</i>	Microbial detection
AP47WMK		<i>Pantoea</i>	Microbial detection
AP47WK6		<i>Microsporium nanum</i>	Microbial detection
AP47V66		<i>Finegoldia magna</i>	Microbial detection
AP324WZ		<i>E. coli</i> DAEC	Microbial detection
AP324NU		Influenza C	Microbial detection
AP324JJ		<i>Mycobacteroides abscessus</i>	Microbial detection
AP324H4		<i>Mycobacterium intracellulare</i>	Microbial detection
AP322XK		<i>Mycobacterium avium</i>	Microbial detection
AP322K9		<i>E. coli</i> STEC	Microbial detection
AP3227W		<i>Prevotella</i>	Microbial detection

Assay ID	Alternate assay ID	Assay name	Type
AP2XAWT		<i>Staphylococcus haemolyticus</i>	Microbial detection
AP2XAAAR		<i>Prevotella intermedia</i>	Microbial detection
AP2W9M4		<i>Corynebacterium striatum</i>	Microbial detection
AP2W74U		<i>Ureaplasma parvum</i>	Microbial detection
AP2W72D		<i>Yersinia enterocolitica</i>	Microbial detection
AP2W72C		<i>E. coli</i> STEC	Microbial detection
AIY90YV		<i>Trichophyton violaceum</i>	Microbial detection
AIY90LA		Human papillomavirus HPV18	Microbial detection
AIX02UH		<i>Citrobacter koseri</i>	Microbial detection
AIX02SN		<i>Trichophyton soudanense</i>	Microbial detection
AIX02E2		Human papillomavirus HPV16	Microbial detection
AIWR4NW		HIV-1	Microbial detection
AIWR4MF		<i>Trichophyton rubrum</i>	Microbial detection
AIWR38Q		<i>Fusobacterium nucleatum</i>	Microbial detection
AIVI6HO		Hepatitis C virus 1, 2, 3, 4, 5, 6	Microbial detection
AIVI6H1		<i>Alloscardovia omnicolens</i>	Microbial detection
AIVI6F7		<i>Trichophyton</i> sp.	Microbial detection
AIVI6AD		<i>Streptococcus pyogenes</i>	Microbial detection
AIT979Z		<i>Neoscytalidium dimidiatum</i>	Microbial detection
AIS093R		<i>Scopulariopsis brevicaulis</i>	Microbial detection
AIRSBXJ		<i>Sarcoptes scabiei</i>	Microbial detection
AIRSBRC		Human coronavirus HKU1	Microbial detection
AIQJDS5		<i>Aerococcus urinae</i>	Microbial detection
AIQJDRB		<i>Wickerhamomyces onychis</i>	Microbial detection
AIPAFMX		<i>Actinotignum schaalii</i>	Microbial detection
AIPAFK3		<i>Neofusicoccum mangiferae</i>	Microbial detection
AIN1HEV		<i>Nannizia nana</i>	Microbial detection
AIN1GEV		<i>Enterococcus faecalis</i>	Microbial detection
AIMSIYA		<i>Serratia marcescens</i>	Microbial detection
AIMSI8N		<i>Microsporum gypseum</i>	Microbial detection
AILJKOV		Human papillomavirus type 82	Microbial detection
AILJK2F		<i>Microsporum</i> sp.	Microbial detection
AIKAMV7		<i>Microsporum</i>	Microbial detection
AIKAMIN		Human papillomavirus type 73	Microbial detection
AII1OPZ		<i>Geotrichum candidum</i>	Microbial detection
AII1OCF		Human papillomavirus type 53	Microbial detection
AIHSQJR		<i>Fusarium solani</i>	Microbial detection
AIHSP57		Human papillomavirus type 26	Microbial detection
AIGJSFO		<i>Streptococcus anginosus</i>	Microbial detection
AIGJSDJ		<i>Epidermophyton floccosum</i>	Microbial detection
AIGJRZZ		Human papillomavirus type 6	Microbial detection
AIFATY3		<i>Aspergillus terreus</i>	Microbial detection
AIFATTR		Human papillomavirus type 11	Microbial detection
AID1VT7		Rhinovirus B	Microbial detection
AID1VNJ		Human papillomavirus type 66	Microbial detection
AICSXPH		<i>Aspergillus</i>	Microbial detection
AICSXMN		<i>Aspergillus niger</i>	Microbial detection

Assay ID	Alternate assay ID	Assay name	Type
AIBJZPH		<i>Klebsiella oxytoca</i>	Microbial detection
AIBJZON		<i>Aspergillus versicolor</i>	Microbial detection
AIBJZGF		<i>Aspergillus flavus</i>	Microbial detection
AIBJZA3		Human papillomavirus type 59	Microbial detection
AIAA1IF		<i>Aspergillus terreus</i>	Microbial detection
AIAA04V		Human papillomavirus type 58	Microbial detection
AI89MCM		<i>Aspergillus niger</i>	Microbial detection
AI89LY2		Human papillomavirus type 56	Microbial detection
AI89L4E		<i>Aspergillus fumigatus</i>	Microbial detection
AI70NSU		Human papillomavirus HPV52	Microbial detection
AI6RPMM		Human papillomavirus type 51	Microbial detection
AI5IRVT		<i>Corynebacterium riegellii</i>	Microbial detection
AI5IRTY		<i>Acremonium strictum</i>	Microbial detection
AI5IRGE		Human papillomavirus type 45	Microbial detection
AI39TPL		<i>Corynebacterium urealyticum</i>	Microbial detection
AI39TNR		<i>Zygosaccharomyces sapae</i> ; <i>Zygosaccharomyces rouxii</i>	Microbial detection
AI39S96		Human papillomavirus HPV39	Microbial detection
AI20U98		Human herpesvirus 5	Microbial detection
AI20U3Y		Human papillomavirus type 35	Microbial detection
AI1RXBB		<i>Trichosporon</i> sp.	Microbial detection
AI1RWXQ		Human papillomavirus HPV33	Microbial detection
AI1RW4E		Human rhinovirus A	Microbial detection
AI0IYRI		Human papillomavirus HPV31	Microbial detection
AI0IY43		<i>Trichophyton tonsurans</i>	Microbial detection
APYMMHP		Not available	Not available
APYMKXU		Not available	Not available
APYMJWG		Not available	Not available
APXGRDG		Not available	Not available
APXGR46		Not available	Not available
APXGR44		Not available	Not available
APWCWM7		Not available	Not available
APWCW22		Not available	Not available
APU63GY		Not available	Not available
APU63G4		Not available	Not available
APU623A		Not available	Not available
APT2AFD		Not available	Not available
APRWGGG		Not available	Not available
APRWE7V		Not available	Not available
APPRMPD		Not available	Not available
APPRKXJ		Not available	Not available
APPRKR7		Not available	Not available
APPRKJF		Not available	Not available
APNKUCN		Not available	Not available
APNKZR		Not available	Not available
APNKTNX		Not available	Not available
APNKTDM		Not available	Not available

Assay ID	Alternate assay ID	Assay name	Type
APKA6WV		Not available	Not available
APGZGEX		Not available	Not available
APFVMUC		Not available	Not available
APEPUGF		Not available	Not available
APCE64K		Not available	Not available
AP47YDX		Not available	Not available
AIY900C		Not available	Not available
AIX02T4		Not available	Not available
AIX01NP		Not available	Not available
AIS09S4		Not available	Not available
AIS0948		Not available	Not available
AIS083S		Not available	Not available
AIRSBY0		Not available	Not available
AIQJDSS		Not available	Not available
AIN1G7L		Not available	Not available
AIMSIX0		Not available	Not available
AILJKU5		Not available	Not available
AILJJXH		Not available	Not available
AIKAMPZ		Not available	Not available
AII1NK1		Not available	Not available
AIHSQL6		Not available	Not available
AIHSQDJ		Not available	Not available
AIHSPO0		Not available	Not available
AIFAT7B		Not available	Not available
AIFAS8M		Not available	Not available
AIAA1B7		Not available	Not available
AI70NZ6		Not available	Not available
AI6RPSW		Not available	Not available
AI6RO1H		Not available	Not available
AI39TKJ		Not available	Not available
AI20U6W		Not available	Not available
AI1RXC5		Not available	Not available
AI0IYUG		Not available	Not available

Ordering information

Product	Concentration (copies/ μ L)	Volume (μ L)	Cat. No.
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	5×10^7	50	A50383

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