

qPCR KITS

Powered by Tetra™ MasterMix



INTRODUCING OUR COMPREHENSIVE RANGE OF qPCR KITS



MULTIPLEX KITS

YouSeq specialise in multiplex pathogen detection kits. Our range includes respiratory, STI, UTI, vector borne and many more. We also have the facility for you to pick and choose exactly what you would like your assay to cover and we will then build and deliver that multiplex kit just for you. This gives you so much more freedom to explore and detect more.



450+ qPCR SINGLEPLEX KITS

We also are now offering a huge breadth of singleplex kits, across human, veterinary, agriculture and food categories. Available with an endogenous or internal control plus RNA and DNA versions. Take a look at our website to see all the kits we currently have available, if you can't see what you're looking for then just give us a call, we'll get on the case.



POWERED BY TETRA™ 2X qPCR MASTERMIX

All our qPCR kits are powered by our premium qPCR MasterMix, Tetra™. As well as its incredible resistance to inhibitors, Tetra™ MasterMix has greater sensitivity, reproducibility and multiplex capability - making it the very best MasterMix for clinical work.

WE LOVE TO HELP OUT!

Please contact us to discuss how we can best help meet your assay needs.



YouSeq Ltd
8 Moorside Place
Moorside Road
Winchester
SO23 7FX
United Kingdom

+44 333 577 6697
hello@youseq.com

youseq.com



MULTIPLEX qPCR KIT CATALOGUE*

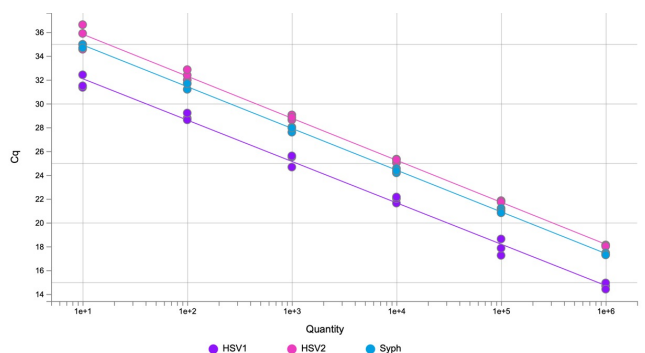
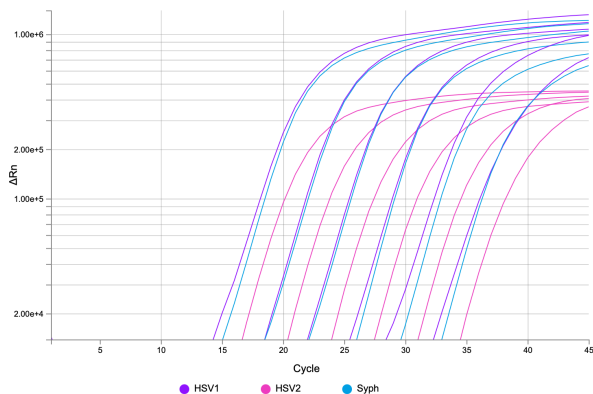
Off the Shelf Solutions

Anaplasma, Babesiosis and Ehrlichia SPP
 Atypical CAP (C.pneumoniae, M.pneumoniae & L.pneumoniae)
 Bacterial vaginosis (BVAB-2, A.vaginae and G.vaginalis)
 Canine distemper and parvovirus
 Chlamydia trachomatis and Neisseria gonorrhoeae
 Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis
 COVID-19 3 Gene
 Escherichia coli O104:H4
 Eutypa lata and Botryosphaeria
 Feline Immunodeficiency virus and Leukaemia virus
 Fungal candida (C.albicans, C.dubliniensis, C.glabrata, C.krusei, C.parapsilosis & C.tropicali)
 Genital Ulcer (Herpes Simplex Virus 1, Herpes Simplex Virus 2 & T.pallidum)
 Gram (-) bacteria B (E.coli, E.cloacae, K.aerogenes, K.pneumoniae, P.mirabilis & K.oxytoca)
 Herpes Simplex Virus (1 & 2)
 Human T-lymphotrophic Virus (1 & 2)
 Influenza A H3N2
 Influenza A and B
 Influenza A, Influenza B and RSV
 Influenza and RSV
 Mycoplasma genitalium, Neisseria gonorrhoeae and Trichomonas vaginalis
 Pneumonia (C.pneumoniae, M. pneumoniae, L.pneumophila, B.paraptussis & B.pertussis)
 SARS-COV-2 and Influenza
 SARS-CoV-2, Influenza A and Influenza B
 SARS-CoV-2, RSV and Influenza A/B
 Swine Flu (Swine Flu A/H1 & Flu A)
 Urethritis Plus (CT, NG, TV, UU, UP, MG & MH)
 Vesicular rash (Herpes Simplex Virus 1, Herpes Simplex Virus 2 & Varicella Zoster Virus)
 Zika and Chikungunya
 Zika, Chikungunya & Dengue

*If you have a particular assay combination in mind that isn't shown above, please just give us a call and we can build it for you from scratch.

Multiplex kit contents and technical specifications vary by kit, please contact us for a detailed breakdown of the kit(s) you're interested in.

Simultaneous detection of HSV1, HSV2 and Syphilis across serial dilution of DNA template from 10⁶ to 10 copies.



Six-point standard curve of the Genital Ulcer qPCR Multiplex kit Detection from 10⁶ copies/reaction to 10 copies/reaction on DNA positive control template. Herpes Simplex Virus 1 (Purple), Herpes Simplex Virus 2 (Pink) and Treponema pallidum (Blue) amplify at all concentrations alongside the endogenous control material (not shown). All assays deliver >94% efficiency in four-way multiplex.



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SINGLEPLEX qPCR KIT CATALOGUE*

Human Pathogens

<u>Acinetobacter baumannii</u>	<u>Chlamydia SPP</u>
<u>Acinetobacter baumannii-calcoaceticus complex</u>	<u>Chlamydia trachomatis</u>
<u>Acremonium strictum</u>	<u>Citrobacter braakii</u>
<u>Actinobaculum schaalii</u>	<u>Citrobacter freundii</u>
<u>Actinomyces israelii</u>	<u>Citrobacter freundii complex</u>
<u>Actinotignum SPP</u>	<u>Citrobacter koseri</u>
<u>Adenovirus</u>	<u>Clostridium perfringens</u>
<u>Adenovirus F41</u>	<u>C.perfringens alpha toxin producing</u>
<u>Aerococcus urinae</u>	<u>Cladosporium herbarum</u>
<u>Akkermansia muciniphila</u>	<u>Clostridium perfringens</u>
<u>Alloscardovia omnicolens</u>	<u>Clostridium sporogenes</u>
<u>Alternaria alternata</u>	<u>Corynebacterium jeikeium</u>
<u>Alternaria SPP</u>	<u>Corynebacterium pseudotuberculosis</u>
<u>Anaerococcus prevotii</u>	<u>Corynebacterium pyruviciproducens</u>
<u>Anaerococcus vaginalis</u>	<u>Corynebacterium riegelii</u>
<u>Aspergillus flavus</u>	<u>Corynebacterium striatum</u>
<u>Aspergillus fumigatus</u>	<u>Corynebacterium tuberculostearicum</u>
<u>Aspergillus niger</u>	<u>Corynebacterium urealyticum</u>
<u>Aspergillus SPP</u>	<u>Coxiella burnetii</u>
<u>Aspergillus terreus</u>	<u>Crimean-Congo haemorrhagic fever</u>
<u>Atopobium vaginae</u>	<u>Cryptococcus neoformans</u>
<u>Bacillus anthracis</u>	<u>Cryptosporidium SPP</u>
<u>Bacillus atrophaeus</u>	<u>Curvularia lunata</u>
<u>Bacillus subtilis</u>	<u>Cutibacterium acnes</u>
<u>Bacterial Vaginosis Associated Bacterium 2</u>	<u>Cyclospora cayentanensis</u>
<u>Bacteriophage MS2</u>	<u>Cytomegalovirus (Human herpesvirus 5)</u>
<u>Bacteroides fragilis</u>	<u>Dengue virus</u>
<u>Bartonella henselae</u>	<u>Dengue virus type 1</u>
<u>BK virus (BKV)</u>	<u>Dengue virus type 2</u>
<u>Blastomyces dermatitidis</u>	<u>Dengue virus type 3</u>
<u>Bordetella parapertussis</u>	<u>Dengue virus type 4</u>
<u>Bordetella pertussis</u>	<u>Diphtheria Toxin</u>
<u>B. bronchiseptica & B. parapertussis</u>	<u>Diphtheria Toxin - Subunit A</u>
<u>Borrelia burgdorferi</u>	<u>Diphtheria Toxin - Subunit B</u>
<u>Burkholderia pseudomallei</u>	<u>Entamoeba histolytica</u>
<u>Campylobacter coli</u>	<u>Entamoeba SPP</u>
<u>Campylobacter coli/jejuni</u>	<u>Enterobacter cloacae complex</u>
<u>Campylobacter jejuni</u>	<u>Enterococcus faecalis</u>
<u>Campylobacter Lari</u>	<u>Enterococcus faecium</u>
<u>Campylobacter SPP</u>	<u>Enterococcus SPP</u>
<u>Candida albicans</u>	<u>Enterocytozoon bienersi</u>
<u>Candida auris</u>	<u>Enterovirus SPP</u>
<u>Candida dubliniensis</u>	<u>Epidermophyton floccosum</u>
<u>Candida glabrata</u>	<u>Epstein barr virus (EBV)</u>
<u>Candida krusei</u>	<u>Escherichia coli</u>
<u>Candida lusitanae</u>	<u>Eubacteria quantification</u>
<u>Candida parapsilosis</u>	<u>Finegoldia magna</u>
<u>Candida tropicalis</u>	<u>Fusarium oxysporum complex</u>
<u>Candida SPP</u>	<u>Fusarium solani complex</u>
<u>Chikungunya virus</u>	<u>Fusobacterium necrophorum</u>
<u>Chlamydia pneumoniae</u>	<u>Fusobacterium nucleatum</u>



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SINGLEPLEX qPCR KIT CATALOGUE*

Human Pathogens Cont/d

Fusobacterium SPP	Listeria monocytogenes
Gardnerella vaginalis	Lyme disease
Giardia lamblia	Malassezia restricta
Giardia SPP	Mayaro virus
Haemophilus ducreyi	Measles
Haemophilus influenzae	Megasphaera type 2
Helicobacter pylori	Microsporium audouinii
Helicobacter SPP	Microsporium ferrugineum
Hepatitis A virus	Microsporium nanum
Hepatitis B virus	Microsporium SPP
Hepatitis C virus	Middle East Respiratory Syndrome (MERS)
Hepatitis Delta virus	Mobiluncus curtisii
Herpes Simplex virus 1 (HSV1)	Mobiluncus mulieris
Herpes Simplex virus 1 and 2	Morganella morganii
Herpes Simplex virus 2 (HSV2)	Moraxella catarrhalis
Histoplasma capsulatum	Moraxella ovis
Human Herpes Virus 6	Mpox virus
Human Herpes Virus 7	Mycobacterium leprae
Human Herpes Virus 8	Mycobacterium SPP
Human Immunodeficiency Virus 1 (HIV1)	Mycobacterium tuberculosis
Human Metapneumovirus	Mycobacterium tuberculosis complex
Human Norovirus	Mycoplasma genitalium
Human Papillomavirus 14	Mycoplasma hominis
Human Parvovirus B19	Mycoplasma penetrans
Human Rhinovirus	Mycoplasma pneumoniae
Human Rotavirus	Mycoplasma SPP
Human Rotavirus A	Neisseria gonorrhoeae
Human Rotavirus B	Neisseria SPP
Human Rotavirus C	Neofusicoccum mangiferae
Human T-lymphotrophic virus type 1	Nipah virus
Human T-lymphotrophic virus type 2	Norovirus GI
Infectious bronchitis virus	Norovirus GII
Influenza A	Orientia tsutsugamushi
Influenza A H3	Orthopoxvirus SPP
Influenza B	Pathogenic Salmonella SPP
Japanese encephalitis virus	Peptoniphilus asaccharolyticus
JC virus (Human Polyomavirus 2) (JCV)	Peptoniphilus hareii
Klebsiella aerogenes	Peptoniphilus ivorii
Klebsiella oxytoca complex	Peptostreptococcus SPP
Klebsiella pneumoniae	Peptostreptococcus anaerobius
Lactobacillus crispatus	Peptostreptococcus SPP
Lactobacillus gasseri	Plasmodium malariae
Lactobacillus iners	Plasmodium SPP
Lactobacillus jensenii	Pneumocystis jirovecii
Legionella pneumophila	Poliovirus
Legionella SPP	Prevotella SPP
Leishmania infantum/donovani	Proteus mirabilis
Leishmania SPP	Proteus vulgaris
Leishmania SPP (Kinetoplast)	Providencia stuartii



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Human Pathogens Cont/d

<u>Pseudomonas aeruginosa</u>	<u>Treponema pallidum</u>
<u>Pseudomonas SPP</u>	<u>Trichomonas vaginalis</u>
<u>Respiratory syncytial virus (RSV)</u>	<u>Trichophyton mentagrophytes</u>
<u>Rickettsia SPP</u>	<u>Trichophyton interdigitale</u>
<u>Rubella virus</u>	<u>Trichophyton rubrum</u>
<u>Sarcoptes scabiei</u>	<u>Trichophyton soudanese</u>
<u>Scopulariopsis brevicaulis</u>	<u>Trichophyton SPP</u>
<u>Serratia marcescens</u>	<u>Trichophyton tonsurans</u>
<u>St. Louis Encephalitis virus (SLEV)</u>	<u>Trichophyton violaceum</u>
<u>Staphylococcus aureus</u>	<u>Trypanosoma cruzi</u>
<u>Staphylococcus epidermidis</u>	<u>Ureaplasma parvum</u>
<u>Staphylococcus haemolyticus</u>	<u>Ureaplasma urealyticum</u>
<u>Staphylococcus lugdunensis</u>	<u>Varicella-Zoster virus (VZV)</u>
<u>Staphylococcus saprophyticus</u>	<u>Vibrio cholera</u>
<u>Staphylococcus SPP</u>	<u>Vibrio harveyi</u>
<u>Stenotrophomonas maltophilia</u>	<u>West Nile Virus</u>
<u>Streptococcus agalactiae (Group B)</u>	<u>Y Chromosome</u>
<u>Streptococcus pneumonia</u>	<u>Yellow fever</u>
<u>Streptococcus pyogenes</u>	<u>Yersinia enterocolitica</u>
<u>Toxoplasma gondii</u>	<u>Zika virus</u>



Antibiotic Resistance Markers

<u>Aminoglycoside Resistance</u>	<u>Fluoroquinolones (QnrA1&2)</u>
<u>AmpC beta-lactamase (ACC)</u>	<u>Fluoroquinolones (QnrB)</u>
<u>AmpC beta-lactamase (ACT/MIR)</u>	<u>Fluoroquinolones (QnrS)</u>
<u>AmpC beta-lactamase (FOX)</u>	<u>Macrolide lincosamide streptogramin (ermA)</u>
<u>Chloramphenicol-florfenicol</u>	<u>Macrolide lincosamide streptogramin (ermB)</u>
<u>Class A beta-lactamase (blaGES)</u>	<u>Macrolide lincosamide streptogramin (ermC)</u>
<u>Class A beta-lactamase (blaPER)</u>	<u>Macrolide lincosamide streptogramin (MefA)</u>
<u>Class A beta-lactamase (blaVEB)</u>	<u>Methicillin (mecA)</u>
<u>Class A beta-lactamase (CTX-M-1)</u>	<u>Methicillin (mecC)</u>
<u>Class A beta-lactamase (CTX-M-2)</u>	<u>Mobilized colistin</u>
<u>Class A beta-lactamase (CTX-M-8/25)</u>	<u>OxqA Resistance</u>
<u>Class A beta-lactamase (CTX-M-9)</u>	<u>OxqB Resistance</u>
<u>Class A beta-lactamase (KPC)</u>	<u>Sulfonamides (Sul1)</u>
<u>Class A beta-lactamase (SHV)</u>	<u>Sulfonamides (Sul2)</u>
<u>Class A beta-lactamase (SME)</u>	<u>Sulfonamides (Sul3)</u>
<u>Class B beta-lactamase (blaIMP)</u>	<u>Tetracycline Resistance (tetB)</u>
<u>Class B beta-lactamase (blaNDM)</u>	<u>Tetracycline Resistance (tetM)</u>
<u>Class B beta-lactamase (blaVIM)</u>	<u>Tetracycline Resistance (tetS)</u>
<u>Class D beta-lactamase (OXA23)</u>	<u>Trimethoprim (dfrA1/dfrA5)</u>
<u>Class D beta-lactamase (OXA48)</u>	<u>Vancomycin Resistance (vanA)</u>
<u>Class D beta-lactamase (OXA51)</u>	<u>Vancomycin Resistance (vanB)</u>
<u>Extended spectrum beta-lactamases (blaTEM)</u>	



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SINGLEPLEX qPCR KIT CATALOGUE*

Veterinary Pathogens - Aquaculture

Abalone herpes virus (AHV)

Aeromonas veronii

Amietia SPP

Bacteriophage MS2

Betanodavirus

Clarias gariepinus

Haliotida noduliformans

Koi herpes virus

Lymphocystivirus

Ostreid herpesvirus 1 (OsHV-1)

Perkinsus olseni

Perkinsus SPP

Photobacterium damsela

Photobacterium damsela subsp. Piscicida

Red Sea Bream iridovirus

Sphaerospora testicularis

Vibrio anguillarum

Vibrio harveyi

Xenohaliotis californiensis

Veterinary Pathogens - Avian

Aspergillus flavus

Aspergillus fumigatus

Avian influenza H5N1

Avian polyomavirus (APV)

Bacteriophage MS2

Chicken anaemia virus (CAV)

Chlamydia psittaci

Filobasidiella neoformans

Fowlpox virus

Infectious bursal disease virus

Influenza A (H3)

Mycoplasma gallisepticum

Mycoplasma synoviae

Newcastle disease

Nipah virus (NPH)

Orthopoxvirus SPP

Psittacine Beak and Feather disease (BFDV)

Veterinary Rotavirus A

Veterinary Rotavirus B

Veterinary Rotavirus C

West Nile virus



Veterinary Pathogens - Canine

Anaplasma phagocytophilum

Anaplasma platys

Anaplasma SPP

Angiostrongylus vasorum

Aspergillus flavus

Aspergillus fumigatus

Babesia canis

Babesia gibsoni

Babesia rossi

Babesia vogeli

Bacteriophage MS2

Bartonella henselae

Bordetella bronchiseptica & parapertussis

Brucella SPP

Candidatus M. haematoparvum

Canine & feline parvovirus

Canine adenovirus type 1 (CAv1)

Canine adenovirus type 2 (CAv2)

Canine distemper virus (CDV)

Canine herpes virus (CHV)

Canine minute virus (CnMV)

Canine norovirus (CaNoV)

Canine parainfluenza (CPIV)

Canine respiratory coronavirus (CRCoV)

Carnivore protoparvovirus 1

Dirofilaria immitis

Dirofilaria repens

Ehrlichia canis

Ehrlichia SPP

Giardia lamblia

Hepatozoon canis

Influenza A H3N8 (Equine & Canine)

Leptospira SPP

Mammalian babesiosis

Microsporium canis

Mycoplasma cynos

Mycoplasma haemofelis /haemocanis

Neospora caninum

Orthopoxvirus

Veterinary Prototheca SPP

Yersinia enterocolitica

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SINGLEPLEX qPCR KIT CATALOGUE*

Veterinary Pathogens - Equine & Ruminants

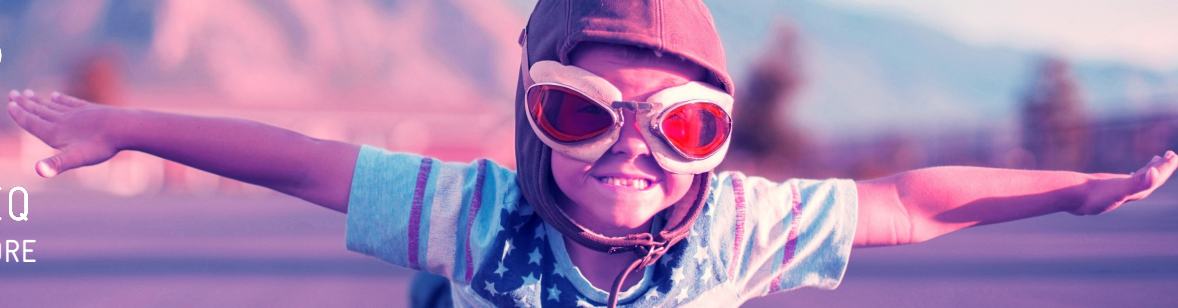
Anaplasma marginale	Equine infectious anemia
Anaplasma phagocytophilum	Equine viral arteritis (EVA)
Anaplasma platys	Foot and mouth disease virus
Anaplasma SPP	Giardia lamblia
Aspergillus fumigatus	Influenza A H3N8 (Equine & Canine)
Babesia bigemina	Leptospira SPP
Babesia caballi	Mammalian orthoreovirus
Bacillus anthracis	Mycobacterium avium
Bacillus SPP	Mycobacterium avium subsp., avium
Bacillus subtilis	Mycobacterium avium paratuberculosis
Bacteriophage MS2	Mycoplasma bovis
Bovine herpes virus 1	Mycoplasma capricolum
Bovine parainfluenza virus type 3	Mycoplasma conjunctivae
Bovine respiratory syncytial virus	Rhodococcus equi
Bovine viral diarrhoea virus	Ruminants SPP
Brucella SPP	Sheeppox virus
Camelpox virus	Taylorella equigenitalis
Campylobacter fetus	Theileria equi
Campylobacter SPP	Theileria SPP
Capripox virus	Trypanosoma evansi
Chlamydia abortus	Venezuelan equine encephalitis virus
Corynebacterium pseudotuberculosis	Veterinary Rotavirus A
Eastern equine encephalitis virus	Veterinary Rotavirus B
Equid herpes virus 1	Veterinary Rotavirus C
Equid herpes virus 2	Western equine encephalomyelitis virus
Equid herpes virus 4	Yersinia enterocolitica



Veterinary Pathogens - Feline

Aelurostrongylus abstrusus	Cytauxzoon SPP
Anaplasma phagocytophilum	Feline calicivirus (FCV)
Anaplasma platys	Feline coronavirus (FCoV)
Anaplasma SPP	Feline herpesvirus (FHV)
Aspergillus flavus	Feline immunodeficiency virus (FIV)
Aspergillus fumigatus	Feline infectious peritonitis virus (FIPV)
Babesia felis	Feline leukemia virus (FeLV)
Bacteriophage MS2	Giardia lamblia
Bartonella henselae	Leptospira SPP
Bordetella bronchiseptica & B. parapertussis	Mycoplasma felis
Brucella SPP	Mycoplasma haemofelis /haemocanis
Candidatus M. haemominutum	Orthopoxvirus SPP
Candidatus M. turicensis	Toxoplasma gondii
Canine & feline parvovirus	Tritrichomonas foetus
Carnivore protoparvovirus 1	Veterinary Prototheca SPP
Chlamydia felis	Yersinia enterocolitica

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SINGLEPLEX qPCR KIT CATALOGUE*

Veterinary Pathogens – Leporine

Bacteriophage MS2

Encephalitozoon cuniculi

Francisella tularensis

Orthropoxvirus SPP

Trichophyton mentagrophytes

Veterinary Pathogens – Porcine

Actinobacillus pleuropneumonia (APP)

African Swine Fever Virus (ASFV)

Bacteriophage MS2

Enterocytozoon bienersi

Haemophilus parasuis (Glasser's Disease)

Mammalian babesiosis

Orthropoxvirus SPP

Pathogenic Salmonella SPP

Porcine adenovirus

Porcine parvovirus (PPV)

Porcine reproductive & respiratory syndrome virus

Streptococcus suis

Veterinary Rotavirus A

Veterinary Rotavirus B

Veterinary Rotavirus C

Yersinia enterocolitica



Veterinary Pathogens – Rodentia

Bacteriophage MS2

Trichophyton Mentagrophytes

Yersinia enterocolitica

Veterinary Pathogens – Simian

Bacteriophage MS2

Simian Virus 40 (SV40)



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SINGLEPLEX qPCR KIT CATALOGUE*

Food Pathogens

Acanthamoeba SPP	Campylobacter lari
Aspergillus niger	Clostridium perfringens
Aspergillus SPP	Cyclospora cayetanensis
Bacteriophage MS2	Escherichia coli
Campylobacter coli	Hepatitis A virus
Campylobacter coli/jejuni	Listeria monocytogenes
Campylobacter jejuni	



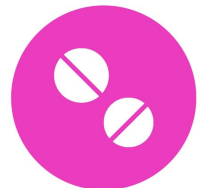
Agricultural Pathogens

Aspergillus flavus	Botryosphaeria
Aspergillus niger	Eutypa lata
Aspergillus SPP	Histoplasma capsulatum
Aspergillus terreus	Hop latent viroid
Aspergillus versicolor	Psilocybe cubensis
Avocado sunblotch viroid (ASBVd)	Stenotrophomonas maltophilia
Bacillus subtilis	Sugarcane mosaic virus



Biopharmaceutical Testing

CHO Residual DNA Quantitation	Sf9 Residual DNA Quantitation
HEK293 Residual DNA Quantitation	Vero Residual DNA quantitation



Genotyping

APOE 1 and 2	JAK2
Cystic fibrosis phenylalanine 508	MDR1 Deletion
Factor V Leiden	Prothrombin
Haemochromatosis	



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SINGLEPLEX KIT CONTENTS & TECHNICAL SPECIFICATION

Product Type	Kit Contents	Technical Specification
Endogenous Control DNA	<ul style="list-style-type: none"> Target specific primer/probe Endogenous control primer/probe Lyophilised qPCR MasterMix Positive control template MasterMix resuspension buffer DNase/RNase free water Template resuspension buffer ROX passive reference 	<ul style="list-style-type: none"> Efficiency: 90-110% Sensitivity: <100 copy detection Run Time: Approx 1hr30 (dependent on instrumentation) Target Pathogen: FAM labelled Endogenous Control: VIC/HEX labelled
Endogenous Control RNA	<ul style="list-style-type: none"> Target specific primer/probe Endogenous control primer/probe Lyophilised qPCR OneStep MasterMix Positive control template MasterMix resuspension buffer DNase/RNase free water Template resuspension buffer ROX passive reference 	<ul style="list-style-type: none"> Efficiency: 90-110% Sensitivity: <100 copy detection Run Time: Approx 1hr30 (dependent on instrumentation) Target Pathogen: FAM labelled Endogenous Control: VIC/HEX labelled
Internal Control DNA	<ul style="list-style-type: none"> Target specific primer/probe Internal extraction control primer/probe Lyophilised qPCR MasterMix Positive control template MasterMix resuspension buffer DNase/RNase free water Template resuspension buffer Internal extraction control (DNA) ROX passive reference 	<ul style="list-style-type: none"> Efficiency: 90-110% Sensitivity: <100 copy detection Run Time: Approx 1hr30 (dependent on instrumentation) Target Pathogen: FAM labelled Internal Control: VIC/HEX labelled
Internal Control RNA	<ul style="list-style-type: none"> Target specific primer/probe Internal extraction control primer/probe Lyophilised qPCR OneStep MasterMix Positive control template MasterMix resuspension buffer DNase/RNase free water Template resuspension buffer Internal extraction control (RNA) ROX passive reference 	<ul style="list-style-type: none"> Efficiency: 90-110% Sensitivity: <100 copy detection Run Time: Approx 1hr30 (dependent on instrumentation) Target Pathogen: FAM labelled Internal Control: VIC/HEX labelled
Genotyping	<ul style="list-style-type: none"> Target specific primer/probe(s) Lyophilised qPCR MasterMix 2 x Positive control template MasterMix resuspension buffer DNase/RNase free water Template resuspension buffer ROX passive reference 	<ul style="list-style-type: none"> Sensitivity: 100 copy detection Run Time: Approx 1hr30 (dependent on instrumentation) Detection Channels: FAM & VIC/HEX labelled