

genetic PCR solutions™

VERSION

DECEMBER
2024

KITS AVAILABLE

"We design, validate and package, qPCR assays for any
pathogen in two weeks"

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Real-time PCR kits

Veterinary

Singleplex targets	Catalogue Ref.	N°	Genome
<i>Actinobacillus pleuropneumoniae</i> Apx I toxin	ActPle-ApxI	184	DNA
<i>Actinobacillus pleuropneumoniae</i> Apx II toxin	ActPle-ApxII	185	DNA
<i>Actinobacillus pleuropneumoniae</i> Apx III toxin	ActPle-ApxIII	186	DNA
<i>Actinobacillus pleuropneumoniae</i> Apx IV toxin	ActPle-ApxIV	369	DNA
<i>Actinobacillus pleuropneumoniae</i> omlA I	ActPle-omIAI	188	DNA
<i>Actinobacillus pleuropneumoniae</i> omlA II	ActPle-omIAII	189	DNA
<i>Actinobacillus pleuropneumoniae</i> omlA III + IV	ActPle-omIAIII+IV	190	DNA
<i>Actinobacillus pleuropneumoniae</i> omlA IV	ActPle-omIAIV	191	DNA
<i>Actinobacillus pleuropneumoniae</i> omlA V	ActPle-omIAV	192	DNA
<i>Actinomortierella wolfii</i>	ActWol	336	DNA
<i>Aeromonas veronii</i>	AerVer	436	DNA
African horse sickness virus	AHSV	101	RNA
African swine fever virus	ASFV	040	DNA
African swine fever virus Reference	ASFV-Ref	456	DNA
Aleutian mink disease virus	AMDV	294	DNA
<i>Anaplasma marginale</i>	AnaMar	444	DNA
<i>Anaplasma phagocytophilum</i>	AnaPha	008	DNA
<i>Anaplasma</i> spp.	AnaSpp	213	DNA
<i>Arcobacter</i> spp.	ArcSpp	120	DNA
Avastrovirus 1	AAstV-1	385	RNA
Avian hepatitis E virus	AHEV	056	RNA
Avian infectious bronchitis virus	AIBV	065	RNA
Avian infectious bronchitis virus GI-23 lineage	AIBV-GI-23	459	RNA
Avian influenza type A virus	AIIV	033	RNA
Avian influenza type A virus subtype H1	AIIV-H1	323	RNA
Avian influenza type A virus subtype H3	AIIV-H3	324	RNA
Avian influenza type A virus subtype H5	AIIV-H5	375	RNA
Avian influenza type A virus subtype H7	AIIV-H7	082	RNA

Avian influenza type A virus subtype H9	AIHV-H9	083	RNA
Avian influenza type A virus subtype N1	AIHV-N1	284	RNA
Avian influenza type A virus subtype N2	AIHV-N2	279	RNA
Avian influenza type A virus subtype N2 (H9N2-like)	AIHV-N2 (H9N2-like)	319	RNA
Avian influenza type A virus subtype N8	AIHV-N8	411	RNA
Avian influenza type A virus subtype N9	AIHV-N9	281	RNA
Avian leukosis virus subgroup A	ALV-A	462	RNA
Avian leukosis virus subgroup B	ALV-B	110	RNA
Avian metapneumovirus subgroup A	AMPV-A	429	RNA
Avian metapneumovirus subgroup B	AMPV-B	427	RNA
Avian metapneumovirus subgroup C	AMPV-C	280	RNA
Avian metapneumovirus subgroup D	AMPV-D	428	RNA
Avian polyomavirus	APV	164	DNA
Avian reovirus	ARV	037	RNA
<i>Avibacterium paragallinarum</i>	AviPar	417	DNA
<i>Babesia caballi</i>	BabCab	016	DNA
<i>Babesia gibsoni</i>	BabGib	382	DNA
<i>Babesia</i> spp.	BabSpp	392	DNA
<i>Babesia vulpes</i>	BabVul	383	DNA
Babesiosis canina	BabCan	001	DNA
<i>Bacillus anthracis</i>	BacAnt	235	DNA
Beak and feather disease virus	BFDV	388	DNA
<i>Bibersteinia trehalosi</i>	BibTre	275	DNA
Bluetongue virus	BTV	269	RNA
<i>Bordetella bronchiseptica</i>	BorBro	441	DNA
<i>Borrelia burgdorferi</i>	BorBur	212	DNA
Bovine coronavirus	BCoV	061	RNA
Bovine ephemeral fever virus	BEFV	060	RNA
Bovine herpesvirus 1	BoHV-1	042	DNA
Bovine herpesvirus 2	BoHV-2	260	DNA
Bovine leukemia virus	BLV	149	RNA
Bovine respiratory syncytial virus	BRSV	180	RNA
Bovine rotavirus A	BRVA	435	RNA
Bovine viral diarrhoea virus-Border disease virus	BVDV-BDV	178	RNA

<i>Brachyspira hyodysenteriae</i>	BraHyo	152	DNA
<i>Brachyspira intermedia</i>	BraInt	396	DNA
<i>Brachyspira murdochii</i>	BraMur	395	DNA
<i>Brachyspira pilosicoli</i>	BraPil	174	DNA
<i>Brucella abortus</i>	BruAbo	439	DNA
<i>Brucella melitensis</i>	BruMel	448	DNA
<i>Brucella</i> spp.	BruSpp	217	DNA
<i>Burkholderia mallei</i>	BurMal	393	DNA
Camelpox virus	CMLV	126	DNA
<i>Campylobacter fetus</i>	CamFet	181	DNA
<i>Campylobacter fetus</i> subsp. <i>venerealis</i>	CamFetVen	052	DNA
<i>Campylobacter hepaticus</i>	CamHep	331	DNA
<i>Campylobacter</i> spp.	CamSpp	170	DNA
Canine and feline parvoviruses	CPV-2-FPLV	221	DNA
Canine distemper virus	CDV	012	RNA
Canine herpesvirus 1	CHV-1	165	DNA
Caprine arthritis encephalitis provirus	CAEVp	219	DNA
Caprine arthritis encephalitis virus	CAEV	219	RNA
Capripoxvirus	CPPV	086	DNA
Chicken anemia virus	CAV	420	DNA
<i>Chlamydia abortus</i>	ChIAbo	133	DNA
<i>Chlamydia felis</i> , <i>C. psittaci</i> , <i>C. abortus</i>	ChI3Sp	011	DNA
<i>Chlamydia pecorum</i>	ChIPec	204	DNA
<i>Chlamydia psittaci</i>	ChIPsi	389	DNA
<i>Chlamydia</i> spp.	ChISpp	398	DNA
<i>Chlamydia suis</i>	ChISui	134	DNA
Classical swine fever virus	CSFV	041	RNA
<i>Clostridioides difficile</i>	CloDif	371	DNA
<i>Clostridium perfringens</i>	CloPer	121	DNA
<i>Clostridium perfringens</i> Alpha toxin	CloPer-Alpha	121	DNA
<i>Clostridium perfringens</i> Beta toxin	CloPer-Beta	129	DNA
<i>Clostridium perfringens</i> Beta2 toxin	CloPer-Beta2	194	DNA
<i>Clostridium perfringens</i> Epsilon toxin	CloPer-Epsilon	130	DNA
<i>Clostridium perfringens</i> Iota toxin	CloPer-Iota	131	DNA

<i>Clostridium</i> spp.	CloSpp	231	DNA
<i>Coxiella burnetii</i>	CoxBur	416	DNA
<i>Cryptosporidium</i> spp.	CrySpp	148	DNA
<i>Cytauxzoon</i> spp.	CytSpp	322	DNA
<i>Dermanyssus gallinae</i>	DerGal	414	DNA
<i>Dirofilaria immitis</i>	DirImm	316	DNA
Eastern equine encephalitis virus	EEEV	031	RNA
Egg drop syndrome virus	EDSV	027	DNA
<i>Ehrlichia</i> spp.	EhrSpp	047	DNA
<i>Enterococcus cecorum</i>	EntCec	415	DNA
Epizootic hemorrhagic disease virus	EHDV	438	RNA
Equine arteritis virus	EAV	318	RNA
Equine coronavirus	ECoV	299	RNA
Equine herpesvirus 1	EHV-1	102	DNA
Equine herpesvirus 3	EHV-3	162	DNA
Equine herpesvirus 4	EHV-4	103	DNA
Equine infectious anemia virus	EqIAV	394	RNA
Equine influenza type A virus (H3N8 & H7N7)	EIAV	166	RNA
<i>Erysipelothrix rhusiopathiae</i>	EryRhu	203	DNA
<i>Escherichia coli</i> cvi	EscCol-cvi	117	DNA
<i>Escherichia coli</i> F4 (faeG)	EscCol-F4	198	DNA
<i>Escherichia coli</i> F18 (fedA)	EscCol-F18	199	DNA
<i>Escherichia coli</i> Fimbria F5 (K99)	EscCol-F5	271	DNA
<i>Escherichia coli</i> Fimbria F17	EscCol-F17	272	DNA
<i>Escherichia coli</i> Fimbria F41	EscCol-F41	273	DNA
<i>Escherichia coli</i> fimC	EscCol-fimC	117	DNA
<i>Escherichia coli</i> fyuA	EscCol-fyuA	117	DNA
<i>Escherichia coli</i> hlyF	EscCol-hlyF	117	DNA
<i>Escherichia coli</i> Heat-stable toxin B	EscCol-HSTB	367	DNA
<i>Escherichia coli</i> Intimine (eae)	EscCol-eae	197	DNA
<i>Escherichia coli</i> iroN	EscCol-iroN	117	DNA
<i>Escherichia coli</i> iss	EscCol-iss	117	DNA
<i>Escherichia coli</i> iucC	EscCol-iucC	117	DNA
<i>Escherichia coli</i> iutA	EscCol-iutA	117	DNA

<i>Escherichia coli</i> LT (<i>tox</i> A)	EscCol-LT	196	DNA
<i>Escherichia coli ompT</i>	EscCol-ompT	117	DNA
<i>Escherichia coli</i> Porcine Heat-stable toxin A	EscCol-pHSTA	366	DNA
<i>Escherichia coli tsh</i>	EscCol-tsh	117	DNA
Feline calicivirus	FCV	266	RNA
Feline coronavirus	FCoV	017	RNA
Feline herpesvirus 1	FHV-1	010	DNA
Feline immunodeficiency provirus	FIVp	202	DNA
Feline immunodeficiency virus	FIV	202	RNA
Feline infectious peritonitis virus	FIPV	222	RNA
Feline leukemia provirus	FeLVp	218	DNA
Feline leukemia virus	FeLV	218	RNA
Foot-and-mouth disease virus	FMDV	142	RNA
Foot-and-mouth disease virus type A	FMDV-A	066	RNA
Foot-and-mouth disease virus type ASIA1	FMDV-ASIA1	068	RNA
Foot-and-mouth disease virus type C	FMDV-C	067	RNA
Foot-and-mouth disease virus type O	FMDV-O	064	RNA
Foot-and-mouth disease virus type SAT2 topotype XIV	FMDV-SAT2-XIV	397	RNA
Fowl aviadenovirus A	FAdV-A	265	DNA
<i>Gallibacterium anatis</i>	GalAna	028	DNA
Gallid alphaherpesvirus 1	GaHV-1	418	DNA
Gallid herpesvirus 2	GaHV-2	107	DNA
<i>Giardia intestinalis</i>	GiaInt	143	DNA
Goatpox virus	GTPV	227	DNA
<i>Haemonchus contortus</i>	HaeCon	278	DNA
<i>Haemophilus parasuis</i>	HaePar	205	DNA
<i>Hepatozoon</i> spp.	HepSpp	099	DNA
<i>Histophilus somni</i>	HisSom	258	DNA
Infectious bursal disease virus	IBDV	300	RNA
Infectious salmon anemia virus	ISAV	128	RNA
Interleukin 6 Chicken	IL-6 Chicken	293	RNA
<i>Lawsonia intracellularis</i>	LawInt	157	DNA
<i>Leishmania infantum</i> (<i>Leishmania donovani</i> complex)	Leilnf	387	DNA
<i>Leishmania</i> spp.	LshSpp	021	DNA

<i>Leptospira interrogans</i>	LepInt	176	DNA
<i>Leptospira</i> spp.	LepSpp	005	DNA
<i>Listeria ivanovii</i>	Lislva	334	DNA
Lumpy skin disease virus	LSDV	046	DNA
<i>Macrorhabdus ornithogaster</i>	MacOrn	239	DNA
Maedi-Visna virus	MVV	211	RNA
<i>Mannheimia haemolytica</i>	ManHae	274	DNA
<i>Metamycoplasma hyosynoviae</i>	MetHyo	173	DNA
Middle East respiratory syndrome coronavirus	MERS-CoV	085	RNA
<i>Moraxella bovis</i>	MorBov	267	DNA
<i>Moraxella bovoculi</i>	MorBovc	268	DNA
Mouse mammary tumor virus	MMTV	045	RNA
<i>Mycobacterium avium</i>	MycbAvi	363	DNA
<i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i>	MAP	330	DNA
<i>Mycobacterium sensu stricto</i>	MycbSStr	347	DNA
<i>Mycobacterium</i> spp.	MycbSpp	238	DNA
<i>Mycobacterium tuberculosis</i> complex	MTplex	015	DNA
<i>Mycobacterium tuberculosis</i> variant <i>bovis</i>	MycbBov	183	DNA
<i>Mycoplasma agalactiae</i>	MycAga	159	DNA
<i>Mycoplasma capricolum</i>	MycCap	160	DNA
<i>Mycoplasma conjunctivae</i>	MycCon	240	DNA
<i>Mycoplasma cynos</i>	MycCyn	452	DNA
<i>Mycoplasma gallisepticum</i>	MycGal	038	DNA
<i>Mycoplasma gallisepticum</i> vacunal 6-85	Mg 6-85	104	DNA
<i>Mycoplasma haematoparvum</i> (Candidatus)	MycHamp	381	DNA
<i>Mycoplasma haemofelis/haemocanis</i>	MycHae	119	DNA
<i>Mycoplasma haemolamae</i> (Candidatus)	MycHaem	243	DNA
<i>Mycoplasma haemominutum</i> (Candidatus)	MycHamm	379	DNA
<i>Mycoplasma hyopneumoniae</i>	MycHyop	270	DNA
<i>Mycoplasma hyorhinis</i>	MycHrh	206	DNA
<i>Mycoplasma mycoides</i>	MycMyc	158	DNA
<i>Mycoplasma ovipneumoniae</i>	MycOvi	276	DNA
<i>Mycoplasma putrefaciens</i>	MycPut	161	DNA
<i>Mycoplasma</i> spp. cluster 1	MycpSpp-1	237	DNA

<i>Mycoplasma suis</i>	MycSui	207	DNA
<i>Mycoplasma turicensis</i> (Candidatus)	MycTur	380	DNA
Mycoplasmas Haemo Group	MycHG	321	DNA
<i>Mycoplasma bovis</i>	MycBov	368	DNA
<i>Mycoplasma synoviae</i>	MycSyn	310	DNA
<i>Neospora caninum</i>	NeoCan	200	DNA
<i>Neospora</i> spp.	NeoSpp	215	DNA
Newcastle disease virus	NDV	018	RNA
ORF virus	ORFV	146	DNA
Orthobornavirus alphapsittaciforme	OrtBV-AlphaPsi	390	RNA
Orthobornavirus betapsittaciforme	OrtBV-BetaPsi	391	RNA
Ovine herpesvirus 2	OvHV-2	014	DNA
<i>Pasteurella multocida</i>	PasMul	224	DNA
Peste-des-petits-ruminants virus	PPRV	124	RNA
Porcine circovirus type 2	PCV-2	156	DNA
Porcine circovirus type 3	PCV-3	303	DNA
Porcine epidemic diarrhoea virus	PEDV	154	RNA
Porcine parvovirus 1	PPV-1	208	DNA
Porcine reproductive and respiratory syndrome virus type 1	PRRSV-1	153	RNA
Porcine reproductive and respiratory syndrome virus type 2	PRRSV-2	245	RNA
Rabies virus	RABV	320	RNA
Reticuloendotheliosis virus	REV	112	RNA
<i>Rhodococcus equi</i>	RhoEqu	360	DNA
<i>Rickettsia</i> spp.	RicSpp	039	DNA
<i>Riemerella anatipestifer</i>	RieAna	029	DNA
Rift valley fever virus	RVFV	116	RNA
Rotavirus type A	RVA	155	RNA
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Choleraesuis	SalChsu	365	DNA
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Infantis	SalInfan	455	DNA
Schmallenberg virus	SBV	043	RNA
Sheeppox virus	SPPV	127	DNA
<i>Streptococcus agalactiae</i>	StrAga	228	DNA
<i>Streptococcus equi</i> subsp. <i>equi</i>	StrEquEqu	357	DNA
<i>Streptococcus equi</i> subsp. <i>zooepidemicus</i>	StrEquZoo	242	DNA

<i>Streptococcus</i> spp.	StrSpp	233	DNA
<i>Streptococcus suis</i>	StrSui	370	DNA
<i>Strongylus vulgaris</i>	StrVul	317	DNA
Suid herpesvirus 1	SuHV-1	244	DNA
Swine H1N1 influenza type A virus	SIV-H1N1	179	RNA
Swine influenza type A virus (H1N1, H3N2 and H1N2)	SIV	172	RNA
<i>Taylorella asinigenitalis</i>	TayAsi	447	DNA
<i>Taylorella equigenitalis</i>	TayEqu	150	DNA
<i>Tenacibaculum dicentrarchi</i>	TenDic	353	DNA
<i>Theileria annulata</i>	TheAnn	425	DNA
<i>Theileria equi</i>	TheEqu	013	DNA
<i>Theileria lestoquardi</i>	TheLes	333	DNA
<i>Theileria luwenshuni</i>	TheLuw	431	DNA
<i>Theileria</i> spp.	TheSpp	220	DNA
<i>Theileria velifera</i>	TheVel	430	DNA
<i>Toxoplasma gondii</i>	ToxGon	171	DNA
<i>Trichomonas gallinae</i>	TriGal	282	DNA
<i>Trichomonas</i> spp.	TriSpp	348	DNA
<i>Tritrichomonas foetus</i>	TriFoe	053	DNA
<i>Trueperella pyogenes</i> (syn. <i>Arcanobacterium pyogenes</i>)	TruPyo	230	DNA
<i>Trypanosoma congolense</i>	TryCon	454	DNA
<i>Trypanosoma evansi</i>	TryEva	445	DNA
<i>Trypanosoma</i> spp.	TrySpp	226	DNA
<i>Trypanosoma vivax</i>	TryViv	241	DNA
<i>Trypanozoon</i> subgenus (<i>T. evansi</i> , <i>T. brucei</i> , <i>T. equiperdum</i>)	TrySub	225	DNA
Turkey astrovirus 2	TAstV-2	443	RNA
<i>Ureaplasma diversum</i>	UreDiv	084	DNA
<i>Ureaplasma urealyticum</i>	UreUre	118	DNA
Viral nervous necrosis	VNN	051	RNA
West Nile virus	WNV	145	RNA
White spot syndrome virus	WSSV	123	DNA

Duplex/ Triplex/Multiplex targets	Catalogue Ref.	Nº	Genome
<i>Anaplasma</i> spp. & <i>Trypanozoon</i> subgenus (<i>T. evansi</i> , <i>T. brucei</i> , <i>T. equiperdum</i>)	AnaSpp&TrySub-Dx	015 Dx	DNA
<i>Mycobacterium tuberculosis</i> complex multicopy & monocopy	MTplex-multi&mono-Dx	013 Dx	DNA
<i>Mycoplasma gallisepticum</i> & Mg vaccine strain 6-85	MycGal&Mg 6-85-Dx	003 Dx	DNA
<i>Mycoplasma ovipneumoniae</i> & <i>Bibersteinia trehalosi</i>	MycOvi&BibTre-Dx	012 Dx	DNA
Porcine reproductive and respiratory syndrome virus type 1&2	PRRSV-1&2-Dx	010 Dx	RNA
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium and Primun Salmonella T	SalTymp&PriSal-T-Dx	014 Dx	DNA
Turkey astrovirus 2 & Avastrovirus 1	TAstV-2&AAstV-1-Dx	016 Dx	RNA

Panel name & targets	Catalogue Ref.	Genome
<i>Actinobacillus pleuropneumoniae</i> Apx Toxin-type (<i>Actinobacillus pleuropneumoniae</i> ApxI, ApxII and ApxIII)	ActPle-Apx- Panel-3	DNA
<i>Actinobacillus pleuropneumoniae</i> omIA-genotype (<i>Actinobacillus pleuropneumoniae</i> omIA I, omIA II, omIA III+IV, omIA IV and omIA V)	ActPle-omIA- Panel-5	DNA
Avian Fecal Transmission Viruses (Avian reovirus, Avian infectious bronchitis virus, Infectious bursal disease virus and Avian infectious bronchitis virus GI-23 lineage)	Avian-FTV- Panel-4	RNA
Avian Mycoplasmosis (<i>Mycoplasma gallisepticum</i> and <i>Mycoplasma synoviae</i>)	Avian-Mycp- Panel-2	DNA
Avian Oncogenic Virus (Avian leukosis virus types A and B)	Avian-Onco- Panel-2	RNA
Bacterial Porcine Diarrhoea (<i>Brachyspira hyodysenteriae</i> , <i>Lawsonia intracellularis</i> and <i>Brachyspira pilosicoli</i>)	BP-Diarrhoea- Panel-3	DNA
Canine Babesiosis (<i>Babesia gibsoni</i> and <i>Babesia vulpes</i>)	C-Babes- Panel-2	DNA
Canine Full Screening (<i>Leishmania</i> spp., <i>Ehrlichia</i> spp., <i>Hepatozoon</i> spp., <i>Mycoplasma haemofelis</i> / <i>haemocanis</i> , <i>Anaplasma</i> spp., <i>Brucella</i> spp., <i>Bartonella henselae</i> , <i>Dirofilaria immitis</i> and <i>Babesia</i> spp.)	Canine-Full- Panel-9	DNA
Canine Mini Screening (Babesiosis canina, <i>Anaplasma phagocytophilum</i> and <i>Ehrlichia</i> spp.)	Canine-Mini- Panel-3	DNA

Canine Standard Screening (<i>Leishmania</i> spp., <i>Ehrlichia</i> spp., <i>Anaplasma</i> spp., <i>Brucella</i> spp., <i>Dirofilaria immitis</i> and <i>Babesia</i> spp.)	Canine-Std-Panel-6	DNA
Caprine Mycoplasmas (<i>Mycoplasma capricolum</i> , <i>Mycoplasma</i> spp. cluster 1 and <i>Mycoplasma ovipneumoniae</i>)	Caprine-Mycp-Panel-3	DNA
Capripoxvirus (Sheeppox virus and Goatpox virus)	CPPV-Panel-2	DNA
Capripoxvirus (Lumpy skin disease virus, Sheeppox virus and Goatpox virus)	CPPV-Panel-3	DNA
Cattle Abortion (<i>Campylobacter fetus</i> subsp. <i>venerealis</i> , <i>Tritrichomonas foetus</i> and <i>Campylobacter fetus</i>)	CT-Abortion-Panel-3	DNA
<i>Clostridium perfringens</i> Major Toxins (<i>Clostridium perfringens</i> Beta and Epsilon toxins)	CloPer-MjTx-Panel-2	DNA
<i>Clostridium perfringens</i> Major Toxins (<i>Clostridium perfringens</i> Alpha, Beta and Epsilon toxins)	CloPer-MjTx-Panel-3	DNA
<i>Clostridium perfringens</i> Major Toxins (<i>Clostridium perfringens</i> Alpha, Beta, Epsilon and Iota toxins)	CloPer-MjTx-Panel-4	DNA
<i>Clostridium perfringens</i> Major Toxins (<i>Clostridium perfringens</i> Alpha, Beta, Epsilon and Iota toxins)	CloPer-MjTx-Panel-4	RNA GeneExpres
Equine Herpesviruses 1&4 (Equine herpesvirus 1 and 4)	Equi-HV-1&4-Panel-2	DNA
Equine Protozoos (<i>Theileria equi</i> and <i>Babesia caballi</i>)	Equi-Prot-Panel-2	DNA
<i>Escherichia coli</i> Virulence Fimbrial Genes (<i>Escherichia coli</i> Fimbria F5 (K99), F17 and F41)	EscCol-VirFim-Panel-3	DNA
<i>Escherichia coli</i> Virulence Genes (<i>Escherichia coli</i> and virulence genes <i>iucC</i> , <i>tsh</i> , <i>cvi</i> , <i>iss</i> , <i>fimC</i> , <i>fyuA</i> , <i>iroN</i> , <i>ompT</i> , <i>hlyF</i> and <i>iutA</i>)	EscCol-VirGen-Panel-11	DNA
Feline Full Screening (<i>Anaplasma phagocytophilum</i> , <i>Leishmania</i> spp., <i>Bartonella henselae</i> , Mycoplasmas Haemo Group and <i>Cytauxzoon</i> spp.)	Feline-Full-Panel-5	DNA
Feline Intracellular Infections C1 (<i>Mycoplasma</i> spp. cluster 1 and <i>Bartonella henselae</i>)	F-Intracel-C1-Panel-2	DNA
Feline Intracellular Infections HG (<i>Bartonella henselae</i> and Mycoplasmas Haemo Group)	F-Intracel-HG-Panel-2	DNA

Feline Multisystemic Pathogens (Feline herpesvirus 1 and <i>Chlamydia felis</i> , <i>C. psittaci</i> , <i>C. abortus</i>)	Feline-MP- Panel-2	DNA
Feline Retrovirus (Feline immunodeficiency virus and Feline leukemia virus)	Feline-Retr- Panel-2	RNA
Feline Retrovirus proviral form (Feline immunodeficiency provirus and Feline leukemia provirus)	Feline-Retr-pv -Panel-2	DNA
Haemoparasitic Protozoan (<i>Theileria</i> spp. and <i>Babesia</i> spp.)	Haemo-Prot- Panel-2	DNA
Haemotrophic Mycoplasmas (<i>Mycoplasma haemofelis/haemocanis</i> , <i>Mycoplasma haemominutum</i> (Candidatus), <i>Mycoplasma turicensis</i> (Candidatus) and <i>Mycoplasma haematoparvum</i> (Candidatus))	Haemo-Mycp- Panel-4	DNA
Influenzavirus A Hemagglutinin 1 & 3 and Neuraminidase 1 & 2 (Avian influenza type A virus subtypes H1, H3, N1 and N2)	AIAV- H13N12- Panel-4	RNA
Influenzavirus A Hemagglutinin 5 and Neuraminidase 1 (Avian influenza type A virus subtypes H5 and N1)	AIAV-H5N1- Panel-2	RNA
Influenzavirus A Hemagglutinin 5 and Neuraminidase 2 (Avian influenza type A virus subtypes H5 and N2)	AIAV-H5N2- Panel-2	RNA
Influenzavirus A Hemagglutinin 5 and Neuraminidase 9 (Avian influenza type A virus subtypes H5 and N9)	AIAV-H5N9- Panel-2	RNA
Influenzavirus A Hemagglutinin 5, 7 & 9 (Avian influenza type A virus subtypes H5, H7 and H9)	AIAV-H579- Panel-3	RNA
Influenzavirus A Hemagglutinin 5, 7 & 9 and Neuraminidase 1 (Avian influenza type A virus subtypes H5, H7, H9 and N1)	AIAV- H579N1- Panel-4	RNA
Influenzavirus A Hemagglutinin 7 and Neuraminidase 2 (Avian influenza type A virus subtypes H7 and N2)	AIAV-H7N2- Panel-2	RNA
Influenzavirus A Hemagglutinin 7 and Neuraminidase 9 (Avian influenza type A virus subtypes H7 and N9)	AIAV-H7N9- Panel-2	RNA
Influenzavirus A Hemagglutinin 7 & 9 and Neuraminidase 1 (Avian influenza type A virus subtypes H7, H9 and N1)	AIAV-H79N1- Panel-3	RNA
Influenzavirus A Hemagglutinin 9 and Neuraminidase 2 (Avian influenza type A virus subtypes H9 and N2)	AIAV-H9N2- Panel-2	RNA
Mycoplasmas Contagious Agalactia (<i>Mycoplasma mycoides</i> , <i>M. agalactiae</i> , <i>M. capricolum</i> and <i>M. putrefaciens</i>)	Myc-CA-Panel- 4	DNA

Mycoplasmas Mycoides Cluster (<i>Mycoplasma mycoides</i> , <i>M. capricolum</i> and <i>M. putrefaciens</i>)	Myc-MC- Panel-3	DNA
Neonatal Porcine Diarrhoea (<i>Escherichia coli</i> <i>toxA</i> , <i>eae</i> , <i>faeG</i> , <i>Clostridioides difficile</i> <i>tcdA</i> and <i>Clostridium perfringens</i> <i>cpa</i> , <i>cpb2</i>)	NP-Diarrhoea- Panel-6	RNA GeneExpres
Neonatal Porcine Diarrhoea (<i>Escherichia coli</i> <i>toxA</i> , <i>eae</i> , <i>faeG</i> , pHSTA, HSTB and <i>Clostridium perfringens</i> Beta, Epsilon, Beta2 toxins)	NP-Diarrhoea- Panel-8	RNA GeneExpres
Porcine Full Screening Pathogens DNA (Porcine circovirus type 2, <i>Metamycoplasma hyosynoviae</i> , <i>Haemophilus parasuis</i> , <i>Mycoplasma hyorhinis</i> , <i>Pasteurella multocida</i> , <i>Mycoplasma hyopneumoniae</i> , Porcine circovirus type 3, <i>Actinobacillus pleuropneumoniae</i> Apx IV toxin, <i>Streptococcus suis</i> , <i>Bordetella bronchiseptica</i> and <i>Leptospira</i> “pathogenic”)	Porcine-Full- DNA-Panel-11	DNA
Porcine Full Screening Pathogens RNA (Porcine reproductive and respiratory syndrome virus type 1, Swine influenza type A virus (H1N1, H3N2 and H1N2) and Porcine reproductive and respiratory syndrome virus type 2)	Porcine-Full- RNA-Panel-3	RNA
Porcine Polyserositis (<i>Haemophilus parasui</i> , <i>Mycoplasma hyorhinis</i> and <i>Streptococcus suis</i>)	P-Polyserositis- Panel-3	DNA
Porcine Intestinal Pathogens (<i>Brachyspira hyodysenteriae</i> , <i>Brachyspira pilosicoli</i> , <i>Brachyspira murdochii</i> and <i>Brachyspira intermedia</i>)	P-Intestinal- Panel-4	DNA
Porcine Reproductive and Respiratory Syndrome (Porcine reproductive and respiratory syndrome virus type 1 and 2)	PRRS-Panel-2	RNA
Respiratory Diseases of Small Ruminants (<i>Pasteurella multocida</i> , <i>Mannheimia haemolytica</i> , <i>Bibersteinia trehalosi</i> and <i>Mycoplasma ovipneumoniae</i>)	RespiratoryD- SR-Panel-4	DNA
Respiratory Porcine Diseases (<i>Metamycoplasma hyosynoviae</i> , <i>Haemophilus parasuis</i> and <i>Mycoplasma hyorhinis</i>)	Respiratory- PD-Panel-3	DNA
<i>Salmonella</i> Enteric Pathogens (<i>Salmonella enterica</i> subsp. <i>enterica</i> serovars Typhimurium and Enteritidis)	Sal-Enteric- Panel-2	DNA
<i>Salmonella</i> Enteric Pathogens (<i>Salmonella enterica</i> subsp. <i>enterica</i> serovars Typhimurium, Enteritidis and Infantis)	Sal-Enteric- Panel-3	DNA
Small Ruminant Lentivirus (Maedi-Visna virus and Caprine arthritis encephalitis virus)	SR-Lentivirus- Panel-2	RNA

Tick-Borne Hemoparasites (<i>Ehrlichia</i> spp., <i>Anaplasma</i> spp. and <i>Babesia</i> spp.)	Tick-Borne- Panel-3	DNA
Tick-Borne Hemoparasites (<i>Ehrlichia</i> spp., <i>Anaplasma phagocytophylum</i> , <i>Borrelia burgdorferi</i> and <i>Babesia</i> spp.)	Tick-Borne- Panel-4	DNA
Vector-Borne Pathogens (<i>Leishmania</i> spp. and <i>Ehrlichia</i> spp.)	Vec-Borne- Panel-2	DNA
Weaned Porcine Diarrhoea (<i>Escherichia coli</i> <i>tox</i> A, <i>eae</i> , <i>fae</i> G and <i>fed</i> A)	WP-Diarrhoea- Panel-4	RNA GeneExpres
Weaned Porcine Diarrhoea (<i>Escherichia coli</i> <i>Stx</i> 2, <i>tox</i> A, <i>eae</i> , <i>fae</i> G and <i>fed</i> A)	WP-Diarrhoea- Panel-5	RNA GeneExpres
Weaned Porcine Diarrhoea (<i>Escherichia coli</i> <i>Stx</i> 2, <i>tox</i> A, <i>eae</i> , <i>fae</i> G, <i>fed</i> A, pHSTA and HSTB)	WP-Diarrhoea- Panel-7	RNA GeneExpres
Zoonotic Bacterial Diseases (<i>Brucella</i> spp., <i>Bacillus anthracis</i> , <i>Francisella tularensis</i> and <i>Yersinia pestis</i>)	Zoonotic-BD- Panel-4	DNA

dVET



Product	Catalogue Ref.	Genome
Mycoplasmas Contagious Agalactia Panel (<i>Mycoplasma mycoides</i> , <i>M. agalactiae</i> , <i>M. capricolum</i> and <i>M. putrefaciens</i>)	Myc-CA-Panel-4	DNA
African swine fever virus	ASFV	DNA
<i>Mycobacterium tuberculosis</i> complex	MTplex	DNA
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium and Primun Salmonella T Duplex	SalTypm&PriSal-T-Dx	DNA

The GeneExpres format for messenger RNA (mRNA) detection is available.

Clinical

Singleplex targets	Catalogue Ref.	Nº	Genome
<i>Acanthamoeba</i> spp.	AcaSpp	341	DNA
<i>Acinetobacter baumannii</i>	AciBau	035	DNA
<i>Aeromonas</i> spp.	AerSpp	026	DNA
<i>Aggregatibacter actinomycetemcomitans</i>	AggAct	074	DNA
Alkhurma hemorrhagic fever virus	AHFV	451	RNA
<i>Arcobacter</i> spp.	ArcSpp	120	DNA
<i>Aspergillus flavus</i>	AspFla	140	DNA
<i>Aspergillus fumigatus</i>	AspFum	139	DNA
<i>Aspergillus</i> spp.	AspSpp	036	DNA
Azole resistance cyp51A	AR-cyp51A	421	DNA
<i>Bacillus anthracis</i>	BacAnt	235	DNA
<i>Bacillus cereus</i>	BacCer	229	DNA
<i>Bacillus licheniformis</i>	BacLic	335	DNA
<i>Bacteroides fragilis</i>	BacFra	246	DNA
<i>Bartonella henselae</i>	BarHen	248	DNA
<i>Bartonella</i> spp. cluster 1	BarSpp-1	407	DNA
<i>Bifidobacterium</i> spp.	BifSpp	295	DNA
BK virus	BKV	087	DNA
<i>Borrelia burgdorferi</i>	BorBur	212	DNA
<i>Borrelia</i> spp.	BorSpp	400	DNA
<i>Brachyspira pilosicoli</i>	BraPil	174	DNA
<i>Brucella melitensis</i>	BruMel	448	DNA
<i>Brucella</i> spp.	BruSpp	217	DNA
<i>Campylobacter coli</i>	CamCol	122	DNA
<i>Campylobacter jejuni</i>	CamJej	057	DNA
<i>Campylobacter</i> spp.	CamSpp	170	DNA
<i>Candida albicans</i>	CanAlb	234	DNA
<i>Candida auris</i>	CanAur	216	DNA
Carbapenem resistance blaOXA-23	CR-blaOXA-23	422	DNA
Carbapenem resistance blaOXA-24	CR-blaOXA-24	423	DNA
Carbapenem resistance blaOXA-58	CR-blaOXA-58	424	DNA

<i>Catonella</i> spp.	CatSpp	351	DNA
Cell-free human DNA	cfhDNA	137	DNA
Chikungunya virus	CHIKV	440	RNA
<i>Clostridioides difficile</i>	CloDif	371	DNA
<i>Clostridioides difficile</i> Toxin B	CloDif-Btx	125	DNA
<i>Clostridium novyi</i> Alpha toxin	CloNov-Alpha	193	DNA
<i>Clostridium perfringens</i>	CloPer	121	DNA
<i>Clostridium perfringens</i> Alpha toxin	CloPer-Alpha	121	DNA
<i>Clostridium</i> spp.	CloSpp	231	DNA
Crimean–Congo hemorrhagic fever virus	CCHFV	283	RNA
<i>Cronobacter sakazakii</i>	CroSak	285	DNA
<i>Cryptococcus neoformans/gattii</i>	CryNeoGat	338	DNA
<i>Cryptosporidium</i> spp.	CrySpp	148	DNA
Dengue virus	DENV	409	RNA
Dobrava-Belgrade virus	DOBV	023	RNA
Ebola virus	EBOV	090	RNA
<i>Entamoeba gingivalis</i>	EntGin	355	DNA
<i>Entamoeba</i> spp.	EntbSpp	354	DNA
<i>Enterococcus</i> spp.	EntSpp	232	DNA
Epstein-Barr virus	EBV	329	DNA
<i>Erysipelothrix rhusiopathiae</i>	EryRhu	203	DNA
<i>Escherichia coli</i> Intimine (<i>eae</i>)	EscCol-eae	197	DNA
<i>Escherichia coli</i> LT (<i>toxA</i>)	EscCol-LT	196	DNA
<i>Francisella tularensis</i>	FraTul	399	DNA
<i>Fretibacterium</i> spp.	FreSpp	352	DNA
<i>Fusobacterium nucleatum</i>	FusNuc	079	DNA
<i>Giardia intestinalis</i>	GiaInt	143	DNA
<i>Giardia</i> spp.	GiaSpp	384	DNA
<i>Helicobacter pylori</i>	HelPyl	175	DNA
Hepatitis A virus	HAV	309	RNA
Hepatitis B virus	HBV	088	DNA
Hepatitis C virus	HCV	072	RNA
Hepatitis delta virus	HDV	098	RNA
Hepatitis E virus	HEV	055	RNA

Herpes simplex virus 1	HSV-1	044	DNA
Herpes simplex virus 2	HSV-2	044	DNA
Human adenovirus F	HAdF	006	DNA
Human adenovirus G	HAdG	343	DNA
Human bocavirus 1	HBoV-1	292	DNA
Human cytomegalovirus	HCMV	089	DNA
Human herpesvirus 6	HHV-6	091	DNA
Human immunodeficiency virus 1	HIV-1	328	RNA
Human immunodeficiency virus 2	HIV-2	277	RNA
Human Influenza type A virus	HIAV	301	RNA
Human Influenza type B virus	HIBV	302	RNA
Human Influenza type B virus <i>M1</i> gene	HIBV-M1	419	RNA
Human parvovirus B19	HParV-B19	100	DNA
Human respiratory syncytial virus A	HRSV-A	339	RNA
Human respiratory syncytial virus B	HRSV-B	340	RNA
Human T-lymphotropic virus type 1	HTLV-1	059	RNA
JC polyomavirus	JCPyV	386	DNA
<i>Kingella kingae</i>	KinKin	434	DNA
<i>Klebsiella pneumoniae</i>	KlePne	182	DNA
<i>Leptospira interrogans</i>	LepInt	176	DNA
<i>Leptospira</i> "pathogenic"	Lep-PAT	442	DNA
<i>Leptospira</i> spp.	LepSpp	005	DNA
Mayaro virus	MAYV	464	RNA
Measles morbillivirus	MeV	410	RNA
Methicillin resistance gene	MRG	019	DNA
Monkeypox virus	MPXV	345	DNA
Monkeypox virus clade 1b	MPXV-1b	460	DNA
Monocopy cell-free human DNA	mono-cfhDNA	136	DNA
<i>Mycobacterium abscessus</i>	MycbAbs	349	DNA
<i>Mycobacterium intracellulare</i> subsp. <i>chimaera</i>	MycbIntChi	350	DNA
<i>Mycobacterium leprae</i>	MycbLep	163	DNA
<i>Mycobacterium sensu stricto</i>	MycbSStr	347	DNA
<i>Mycobacterium</i> spp.	MycbSpp	238	DNA
<i>Mycobacterium tuberculosis</i> complex	MTplex	015	DNA

<i>Mycoplasma pneumoniae</i>	MycPne	262	DNA
<i>Mycoplasma</i> spp. cluster 1	MycpSpp-1	237	DNA
<i>Neisseria gonorrhoeae</i>	NeiGon	342	DNA
<i>Neoehrlichia mikurensis</i> (Candidatus)	NeoMik	404	DNA
Nipah virus	NiV	259	RNA
Oropouche virus OPS-like	OROV-OPS-like	457	RNA
Orthobunyavirus oropoucheense	OROV	458	RNA
<i>Plasmodium</i> spp.	PlaSpp	314	DNA
<i>Porphyromonas gingivalis</i>	PorGin	075	DNA
<i>Prevotella intermedia</i>	PreInt	076	DNA
<i>Prevotella-Alloprevotella</i> spp.	Pre-All	344	DNA
<i>Pseudomonas aeruginosa</i>	PseAer	081	DNA
Puumala virus	PUUV	022	RNA
Rotavirus type A	RVA	155	RNA
<i>Rothia mucilaginosa</i> , <i>R. dentocariosa</i> , <i>R. aeria</i>	Rot3Sp	356	DNA
Rubella virus	RuV	261	RNA
<i>Ruminococcus gnavus</i>	RumGna	346	DNA
Severe acute respiratory syndrome coronavirus	SARS-CoV	298	RNA
Severe acute respiratory syndrome coronavirus 2 <i>E</i> gene	SARS-CoV-2-E	326	RNA
Severe acute respiratory syndrome coronavirus 2 <i>IP4</i> gene	SARS-CoV-2-IP4	305	RNA
Severe acute respiratory syndrome coronavirus 2 <i>N1</i> gene	SARS-CoV-2-N1	325	RNA
Severe acute respiratory syndrome coronavirus 2 <i>N2</i> gene	SARS-CoV-2-N2	306	RNA
<i>Staphylococcus aureus</i>	StaAur	020	DNA
<i>Staphylococcus epidermidis</i>	StaEpi	151	DNA
<i>Streptococcus agalactiae</i>	StrAga	228	DNA
<i>Streptococcus pyogenes</i>	StrPyo	406	DNA
<i>Streptococcus</i> spp.	StrSpp	233	DNA
<i>Tannerella forsythia</i>	TanFor	077	DNA
Tick-borne encephalitis virus (related)	TBEV-rel	405	RNA
<i>Toxoplasma gondii</i>	ToxGon	171	DNA
<i>Treponema denticola</i>	TreDen	078	DNA
<i>Treponema pallidum</i>	TrePal	364	DNA
<i>Trichomonas</i> spp.	TriSpp	348	DNA
<i>Trichomonas tenax</i>	TriTen	362	DNA

<i>Trichomonas vaginalis</i>	TriVag	209	DNA
<i>Trypanosoma</i> spp.	TrySpp	226	DNA
UK-variant B.1.1.7 SARS-CoV-2	SARS-CoV-2 B.1.1.7	304	RNA
<i>Ureaplasma urealyticum</i>	UreUre	118	DNA
Vancomycin resistance <i>vanA</i>	VR-vanA	402	DNA
Vancomycin resistance <i>vanB</i>	VR-vanB	403	DNA
<i>Vibrio cholerae</i>	VibCho	049	DNA
<i>Vibrio cholerae</i> Toxin	VibChoTx	024	DNA
<i>Vibrio parahaemolyticus</i>	VibPar	050	DNA
<i>Vibrio</i> spp.	VibSpp	177	DNA
West Nile virus	WNV	145	RNA
Yellow fever virus	YFV	450	RNA
<i>Yersinia enterocolitica</i>	YerEnt	437	DNA
<i>Yersinia pestis</i>	YerPes	463	DNA
Zika virus	ZIKV	144	RNA

Duplex/ Triplex/Multiplex targets	Catalogue Ref.	Nº	Genome
Human Influenza type A and B virus	HIAV&HIBV-Dx	009 Dx	RNA
Monkeypox virus & clade 1b	MPXV&clade1b-Dx	018 Dx	DNA
Severe acute respiratory syndrome coronavirus 2 & Human respiratory syncytial virus A/B	SARS-CoV-2&HRSV-A/B-Dx	008 Dx	RNA
Human Viral Respiratory Diseases	HVRD-Mx	006 Mx	RNA

Panel name & targets	Catalogue Ref.	Genome
CoVID-19 N1 & E (SARS-CoV-2 target genes N1 and E)	CoVID-19 N1&E-Panel-2	RNA
Human Herpes Simplex Viruses 1 & 2 (Herpes simplex virus 1 and 2)	HSV-1&2- Panel-2	DNA

Human Severe Respiratory Viruses (Severe acute respiratory syndrome coronavirus 1 and 2)	HS-Respiratory- Panel-2	RNA
Human Viral Respiratory Diseases (CoVID-19, Human influenza type A and B virus, and Human respiratory syncytial virus A/B)	HVRD-Panel-4	RNA
Methicillin resistant <i>Staphylococcus aureus</i> (<i>Staphylococcus aureus</i> and Methicillin resistance gene)	MRSA-Panel-2	DNA
Zoonotic Bacterial Diseases (<i>Brucella</i> spp., <i>Bacillus anthracis</i> , <i>Francisella tularensis</i> and <i>Yersinia pestis</i>)	Zoonotic-BD- Panel-4	DNA



CE / IVD

Target	Catalogue Ref.	N°	Genome
CoVID-19	CoVID-19	297	RNA
<i>Mycobacterium tuberculosis</i> complex	MTplex	015	DNA
CoVID-19 N/S Duplex	CoVID-19 N/S - Dx	005 Dx	RNA

The GeneExpres format for messenger RNA (mRNA) detection is available.

Plants

Singleplex targets	Catalogue Ref.	Nº	Genome
<i>Alternaria alternata</i>	AltAlt	251	DNA
<i>Alternaria cucumerina</i>	AltCuc	253	DNA
<i>Aspergillus niger</i>	AspNig	141	DNA
<i>Bacillus amyloliquefaciens</i>	BacAmy	097	DNA
Citrus exocortis viroid	CEVd	113	RNA
Citrus psorosis virus phylotype 1	CPsV-ph1	115	RNA
Citrus psorosis virus phylotype 2	CPsV-ph2	115	RNA
Citrus tristeza virus	CTV	114	RNA
<i>Clavibacter michiganensis</i>	ClaMic	256	DNA
<i>Fusarium oxysporum</i> complex	FOplex	252	DNA
<i>Monilinia fructicola</i>	MonFru	288	DNA
<i>Monilinia fructigena</i>	MonFrg	290	DNA
<i>Monilinia laxa</i>	MonLax	289	DNA
<i>Monilinia polystroma</i>	MonPol	291	DNA
<i>Phytophthora infestans</i>	PhylInf	254	DNA
<i>Pseudomonas aeruginosa</i>	PseAer	081	DNA
<i>Pseudomonas syringae</i>	PseSyr	257	DNA
<i>Ralstonia solanacearum</i>	RalSol	286	DNA
<i>Spiroplasma citri</i>	SpCit	106	DNA
<i>Verticillium dahliae</i>	VerDah	255	DNA
<i>Xanthomonas campestris</i>	XanCam	250	DNA
<i>Xylella fastidiosa</i>	XylFas	287	DNA

Panel name & targets	Catalogue Ref.	Genome
Citrus Psorosis Phylotypes (Citrus psorosis virus 1 and 2)	CPsV-1&2- Panel-2	RNA
<i>Monilinia</i> Brown Rot (<i>Monilinia fructicola</i> , <i>Monilinia laxa</i> , <i>Monilinia fructigena</i> and <i>Monilinia polystroma</i>)	Mon-BR- Panel-4	DNA

The GeneExpres format for messenger RNA (mRNA) detection is available.

Food, water & environment

Singleplex targets	Catalogue Ref.	Nº	Genome
<i>Aeromonas</i> spp.	AerSpp	026	DNA
<i>Alicyclobacillus acidoterrestris</i>	AliAci	187	DNA
<i>Arcobacter</i> spp.	ArcSpp	120	DNA
<i>Aspergillus flavus</i>	AspFla	140	DNA
<i>Aspergillus fumigatus</i>	AspFum	139	DNA
<i>Aspergillus</i> spp.	AspSpp	036	DNA
Azole resistance cyp51A	AR-cyp51A	421	DNA
<i>Bifidobacterium</i> spp.	BifSpp	295	DNA
Carbapenem resistance blaOXA-23	CR-blaOXA-23	422	DNA
Carbapenem resistance blaOXA-24	CR-blaOXA-24	423	DNA
Carbapenem resistance blaOXA-58	CR-blaOXA-58	424	DNA
<i>Clostridioides difficile</i> Toxin A (<i>tcdA</i>)	CloDif-Atx	195	DNA
<i>Clostridioides difficile</i> Toxin B	CloDif-Btx	125	DNA
<i>Clostridium novyi</i> Alpha toxin	CloNov-Alpha	193	DNA
<i>Clostridium perfringens</i> Alpha toxin	CloPer-Alpha	121	DNA
<i>Clostridium perfringens</i> Beta toxin	CloPer-Beta	129	DNA
<i>Clostridium perfringens</i> Beta2 toxin	CloPer-Beta2	194	DNA
<i>Clostridium perfringens</i> Epsilon toxin	CloPer-Epsilon	130	DNA
<i>Clostridium perfringens</i> Iota toxin	CloPer-Iota	131	DNA
<i>Coxiella burnetii</i>	CoxBur	416	DNA
<i>Dreissena polymorpha</i>	DrePol	249	DNA
Equine	Equine	096	DNA
<i>Escherichia coli</i>	EscCol	058	DNA
<i>Escherichia coli</i> cvi	EscCol-cvi	117	DNA
<i>Escherichia coli</i> F4 (<i>faeG</i>)	EscCol-F4	198	DNA
<i>Escherichia coli</i> F18 (<i>fedA</i>)	EscCol-F18	199	DNA
<i>Escherichia coli</i> Fimbria F5 (<i>K99</i>)	EscCol-F5	271	DNA
<i>Escherichia coli</i> Fimbria F17	EscCol-F17	272	DNA
<i>Escherichia coli</i> Fimbria F41	EscCol-F41	273	DNA
<i>Escherichia coli</i> fimC	EscCol-fimC	117	DNA
<i>Escherichia coli</i> fyuA	EscCol-fyuA	117	DNA

<i>Escherichia coli hlyF</i>	EscCol-hlyF	117	DNA
<i>Escherichia coli</i> Intimine (<i>eae</i>)	EscCol-eae	197	DNA
<i>Escherichia coli iroN</i>	EscCol-iroN	117	DNA
<i>Escherichia coli iss</i>	EscCol-iss	117	DNA
<i>Escherichia coli iucC</i>	EscCol-iucC	117	DNA
<i>Escherichia coli iutA</i>	EscCol-iutA	117	DNA
<i>Escherichia coli</i> LT (<i>toxA</i>)	EscCol-LT	196	DNA
<i>Escherichia coli ompT</i>	EscCol-ompT	117	DNA
<i>Escherichia coli</i> O157:H7	ECO157	025	DNA
<i>Escherichia coli</i> Shiga toxin 1	EscCol-Stx1	167	DNA
<i>Escherichia coli</i> Shiga toxin 2	EscCol-Stx2	168	DNA
<i>Escherichia coli tsh</i>	EscCol-tsh	117	DNA
Gluten	Gluten	296	DNA
<i>Legionella pneumophila</i>	LegPne	054	DNA
<i>Legionella pneumophila</i> serotype 1	LegPne-1	412	DNA
<i>Legionella</i> spp.	LegSpp	002	DNA
<i>Listeria innocua</i>	LisInn	223	DNA
<i>Listeria monocytogenes</i>	LisMon	004	DNA
Mammals	Mammals	095	DNA
Microcystine toxin gene <i>mcvB</i>	mcvB-tox	373	DNA
Microcystine toxin gene <i>mcvE</i>	mcvE-tox	374	DNA
MON810	MON810	063	DNA
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Enteritidis	SalTidis	337	DNA
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Infantis	SalInfan	455	DNA
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Paratyphi A	SalPar-A	108	DNA
<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium	SalTypm	247	DNA
<i>Salmonella</i> spp.	SalSpp	003	DNA
Severe acute respiratory syndrome coronavirus 2 <i>E</i> gene	SARS-CoV-2-E	326	RNA
Severe acute respiratory syndrome coronavirus 2 <i>N1</i> gene	SARS-CoV-2-N1	325	RNA
Severe acute respiratory syndrome coronavirus 2 <i>N2</i> gene	SARS-CoV-2-N2	306	RNA
<i>Shigella</i> spp.	ShiSpp	236	DNA
<i>Tetragenococcus muriaticus</i>	TetMur	401	DNA
Total Bacteria DNA	TBD	034	DNA
<i>Yersinia enterocolitica</i>	YerEnt	437	DNA

Duplex/Triplex/Multiplex targets	Catalogue Ref.	Nº	Genome
<i>Listeria monocytogenes</i> & <i>Salmonella</i> spp.	LisMon&SalSpp-Dx	011 Dx	DNA
Maize & 35S	Maize&35S-Dx	001 Dx	DNA
Severe acute respiratory syndrome coronavirus 2 & Human respiratory syncytial virus A/B	SARS-CoV-2&HRSV-A/B-Dx	008 Dx	RNA
Soy & 35S	Soy&35S-Dx	002 Dx	DNA
Enterohemorrhagic <i>Escherichia coli</i> (<i>Escherichia coli</i> Shiga toxin 1, Shiga toxin 2 & Intimine (<i>eae</i>))	EHEC-Tx	020Tx	DNA

Panel name & targets	Catalogue Ref.	Genome
Cyanotoxin Genes (Microcystine toxin genes <i>mycB</i> and <i>mycE</i>)	CyaTx-Genes-Panel-2	DNA
<i>Escherichia coli</i> Virulence Fimbrial Genes (<i>Escherichia coli</i> Fimbria F5 (K99), F17 and F41)	EscCol-VirFim-Panel-3	DNA
<i>Escherichia coli</i> Virulence Genes (<i>Escherichia coli</i> and virulence genes <i>iucC</i> , <i>tsh</i> , <i>cvi</i> , <i>iss</i> , <i>fimC</i> , <i>fyuA</i> , <i>iroN</i> , <i>ompT</i> , <i>hlyF</i> and <i>iutA</i>)	EscCol-VirGen-Panel-11	DNA
Food Pathogens (<i>Salmonella</i> spp. and <i>Listeria monocytogenes</i>)	Food-Path-Panel-2	DNA
Foodborne Poisoning (<i>Salmonella</i> spp., <i>Listeria monocytogenes</i> , <i>Escherichia coli</i> Shiga toxin 1 and 2)	Fb-Poisoning-Panel-4	DNA
Foodborne Poisoning (<i>Salmonella</i> spp., <i>Listeria monocytogenes</i> , Shiga toxin 1, Shiga toxin 2 and <i>eae</i> gene from <i>Escherichia coli</i>)	Fb-Poisoning-Panel-5	DNA
One-Day Food Testing (<i>Salmonella</i> spp., <i>Listeria monocytogenes</i> , <i>Escherichia coli</i> Shiga toxin 1 and 2)	ODFT	DNA
SARS-CoV-2 Environment (Severe acute respiratory syndrome coronavirus 2 <i>N2</i> and <i>IP4</i> gene)	SARS-CoV-2 ENV-Panel-2	RNA
Zoonotic Bacterial Diseases (<i>Brucella</i> spp., <i>Bacillus anthracis</i> , <i>Francisella tularensis</i> and <i>Yersinia pestis</i>)	Zoonotic-BD-Panel-4	DNA

The GeneExpress format for messenger RNA (mRNA) detection is available.

End-point PCR kits

Target	Catalogue Ref.	Nº	Genome
<i>Anaplasma</i> spp.	AnaSpp	035	DNA
Anatid alphaherpesvirus 1	AHV-1	051	DNA
Avian leukosis virus	ALV	052	RNA
Beak and feather disease virus	BFDV	016	DNA
BirdSex	BirdSex	001	DNA
<i>Brucella</i> spp.	BruSpp	031	DNA
<i>Campylobacter fetus</i> subsp. <i>venerealis</i>	CamFetVen	050	DNA
<i>Campylobacter jejuni</i>	CamJej	045	DNA
Canine and feline parvoviruses	CPV-2-FPLV	021	DNA
Canine distemper virus	CDV	009	RNA
<i>Chlamydia psittaci</i>	ChlPsi	006	DNA
<i>Coxiella burnetii</i>	CoxBur	048	DNA
Crimean–Congo haemorrhagic fever virus	CCHFV	054	RNA
Duck hepatitis A virus type 1	DHAV-1	014	RNA
<i>Ehrlichia</i> spp.	EhrSpp	018	DNA
Equine herpesvirus 1	EHV-1	046	DNA
Equine herpesvirus 4	EHV-4	024	DNA
<i>Escherichia coli</i>	EscCol	047	DNA
Falco sexing	FalSex	027	DNA
Feline calicivirus	FCV	019	RNA
Feline coronavirus	FCoV	020	RNA
Feline immunodeficiency virus	FIV	043	RNA
Feline leukemia virus	FeLV	039	RNA
Feline leukemia provirus	FeLVp	039	DNA
Foot-and-mouth disease virus	FMDV	033	RNA
<i>Francisella tularensis</i>	FraTul	040	DNA
<i>Francisella tularensis</i> subspecies	FraTulSubsp	041	DNA

<i>Francisella tularensis pilA</i> virulence	FraTul-pilA	042	DNA
Gallid herpesvirus 2	GaHV-2	015	DNA
<i>Leishmania infantum</i> (<i>Leishmania donovani</i> complex)	LeiInf	017	DNA
<i>Leptospira</i> spp.	LepSpp	028	DNA
<i>Mycoplasma haemofelis/haemocanis</i>	MycHae	037	DNA
<i>Neospora</i> spp.	NeoSpp	038	DNA
Newcastle disease virus	NDV	013	RNA
<i>Ornithobacterium rhinotracheale</i>	OrnRhi	044	DNA
OstrichSex	OstrSex	004	DNA
Porcine reproductive and respiratory syndrome virus type 2	PRRSV-2	012	RNA
<i>Rickettsia</i> spp.	RicSpp	007	DNA
<i>Riemerella anatipestifer</i>	RieAna	029	DNA
Rift valley fever virus	RVFV	032	RNA
<i>Taylorella equigenitalis</i>	TayEqu	025	DNA
<i>Toxoplasma gondii</i>	ToxGon	026	DNA
<i>Treponema pallidum</i>	TrePal	049	DNA
<i>Trypanosoma equiperdum</i>	TryEqu	023	DNA
Vesicular stomatitis virus	VSV	022	RNA
<i>Vibrio</i> spp.	VibSpp	036	DNA

Sampling kits

Product	Catalogue Ref.
GPSponge® - KIT for environmental sampling	GPSponge®-3006.001
GPStool® - KIT for fecal sampling	GPStool®-3007.001

Extraction kits

Product	Catalogue Ref.
DNA Extraction Kits	
GPSpin Tissue DNA Extraction Kit (100 cols.)	GPSpin-0201.100
GPSpin Blood DNA Extraction Kit (100 cols.)	GPSpin-0202.100
GPSpin microDNA Extraction Kit (100 cols.)	GPSpin-0203.100
GPSpin Bacterial DNA Extraction Kit (100 cols.)	GPSpin-0204.100
GPSpin Food and Stool DNA Extraction Kit (100 cols.)	GPSpin-0205.100
GPSpin Plant DNA Extraction Kit (100 cols.)	GPSpin-0206.100
GPSpin Microbial DNA Extraction Kit (100 cols.)	GPSpin-0207.100
GPSpin Microbiome Fecal DNA Extraction Kit (100 cols.)	GPSpin-0208.100
GPSpin Microbiome Soil DNA Extraction Kit (100 cols.)	GPSpin-0209.100
RNA Extraction Kits	
GPSpin Plant RNA Extraction Kit (100 cols.)	GPSpin-0302.100
GPSpin Bacterial RNA Extraction Kit (100 cols.)	GPSpin-0303.100
GPSpin Tissue RNA Extraction Kit (100 cols.)	GPSpin-0304.100
Viral Extraction Kits	
GPSpin Viral DNA/RNA Extraction Kit (100 cols.)	GPSpin-0501.100
GPSpin Viral RNA Extraction Kit (100 cols.)	GPSpin-0502.100
DNA/RNA Extraction Kits	
GPSpin DNA/RNA Extraction Kit (100 cols.)	GPSpin-0401.100
Plasmid DNA Extraction Kits	
GPSpin PLASMID Miniprep "Sequencing grade" kit (100 cols.)	GPSpin-0702.100
GPSpin PLASMID Miniprep "Transfection grade" kit (100 cols.)	GPSpin-0703.100
GPSpin PLASMID Midiprep kit (25 cols.)	GPSpin-0704.25
GPSpin PLASMID Maxiprep kit (10 cols.)	GPSpin-0705.10
DNA Fragments Extraction Kits	
GPSpin PCR Kit (100 cols.)	GPSpin-0101.100
GPSpin Gel/PCR Kit (100 cols.)	GPSpin-0102.100
Other products	
GPSpin Swabs (DNA free, without cotton)	GPSpin-0601.01
GPSpin Sample Collection Kit (100 units) (swabs+preservation solution)	GPSpin-0603.100

genetic PCR solutions™

By Genetic Analysis Strategies S.L.



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