

genesig® Easy AnimalFINDER Kits

Easily test for the presence of animal derived material primarily in non-animal samples

Primerdesign™ provides the world's broadest menu of >600 genesig® real-time PCR detection kits, and fast development of new assays on demand. Additionally, it designs, validates and manufactures qPCR kits, Precision® Master Mixes, controls, lyophilised reagents, and qPCR instruments.

Contact us for a price:
enquiry@primerdesign.co.uk

NEW

genesig® Easy AnimalFINDER Kits

The genesig Easy AnimalFINDER Kits are designed for the real-time PCR detection of animal derived material primarily in non-animal samples such as cosmetic and pharmaceutical products. The kits can also be used to detect animal DNA in food manufacturing wash downs or in highly processed foods.

AnimalFINDER Kits for Universal Meat and Universal Fish are available to screen a range of animal meat or fish species in one test. Additionally, there are many AnimalFINDER kits dedicated to species-specific animal DNA detection.

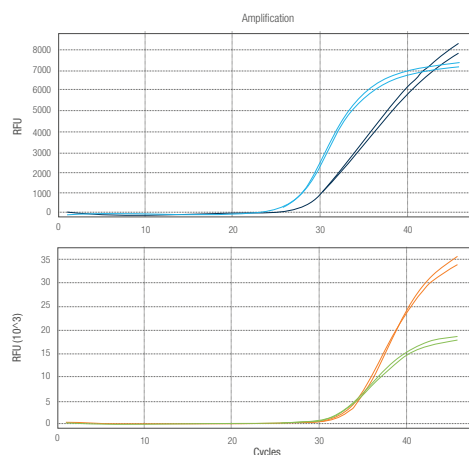
- Universal meat or fish kit; and a wide selection of species-specific kits available
- Quick and simple test on the genesig q16 real-time PCR instrument
- Sensitivity to less than 100 copies of target
- Extraction control to confirm findings in all sample types

Broad detection profile

genesig Easy AnimalFINDER Kits are designed to have the broadest detection profile possible whilst remaining specific to the animal genome in question. The animal mitochondrial DNA primer and probe sequences in these kits have 100% homology with a broad range of the specific animal species sequences, based on a comprehensive bioinformatics analysis. All genesig Easy AnimalFINDER kits have the same genesig q16 cycling protocol to allow multiple species to be tested during one run.

The inclusion of an experimental control template allows the user to confirm the absence of animal material when no animal DNA is present.

Amplification graph demonstrating the performance of genesig® EASY AnimalFINDER Kit for Chicken



Two separate kits were used to conduct animal DNA testing in pharmaceutical and cosmetic products: genesig Easy AnimalFINDER Kit for Chicken and a kit from a competitor.

Animal DNA amplification was conducted on Chicken DNA using the Bio-Rad CFX instrument and two kits according to the kit instructions.

The genesig Easy AnimalFINDER Kit for Chicken achieves earlier Cq values compared to the competitor. These earlier Cq values suggest a greater level of amplification efficiency, which is indicative of greater sensitivity. This demonstrates that genesig Easy AnimalFINDER Kit's animal DNA amplification in non-animal products is of the highest quality.

Light blue: genesig Easy AnimalFINDER Kit for Chicken Positive Control, Cq 26.3

Dark blue: genesig Easy AnimalFINDER Kit for Chicken Internal Extraction Control, Cq 28.1

Orange: Competitor Q Chicken Positive Control, Cq 32.9

Green: Competitor Q Internal Control, Cq 31.4

For more
information visit
www.primerdesign.co.uk

Select the optimal kit for your samples

	Application	genesig Easy AnimalFINDER Kit	genesig Easy Speciation Kit	genesig Advanced Speciation Kit	genesig Standard Speciation Kit
SAMPLE TYPE					
Pharmaceutical sample	All speciation applications	+++	-	-	+++
Cosmetic sample					
Food manufacture post-clean swab					
Vegetarian food products					
Highly processed animal product	Detection of animal material	+++	+	+	+++
	Quantification of potential adulteration	-	++	++	-
	Identification of source animals	+++	+	+	+++
Raw / Cooked meat	All speciation applications	+	+++	+++	+
KIT FORMAT					
For qPCR instrument		genesig q16	genesig q16	All other instruments	All other instruments
Lyophilised qPCR master mix		Included	Included	Sold separately	Sold separately

+++ Highly suitable ++ Suitable + Suitability is sample dependent - Not suitable

The genesig q16: the easiest, most affordable qPCR instrument on the market

The genesig Easy AnimalFINDER Kits are designed specifically for use with the genesig q16 real-time PCR instrument. The q16 is incredibly easy to use and can test up to 14 samples at a time with fast data analysis. It is designed to make DNA testing easy for anyone in any business.



PRODUCT DESCRIPTION	ANIMAL DETECTED	KIT SIZES	CATALOGUE NO.
genesig Easy AnimalFINDER Detection Kit for Bubalus bubalis	Buffalo	50 Reactions	Path-AF-B.bubalis-EASY
genesig Easy AnimalFINDER Detection Kit for Felis catus	Cat	50 Reactions	Path-AF-F.catus-EASY
genesig Easy AnimalFINDER Detection Kit for Gallus gallus	Chicken	50 Reactions	Path-AF-G.gallus-EASY
genesig Easy AnimalFINDER Detection Kit for Gadus morhua	Cod	50 Reactions	Path-AF-G.morhua-EASY
genesig Easy AnimalFINDER Detection Kit for Pollachius virens	Coley	50 Reactions	Path-AF-P.virens-EASY
genesig Easy AnimalFINDER Detection Kit for Bos taurus	Cow	50 Reactions	Path-AF-B.taurus-EASY
genesig Easy AnimalFINDER Detection Kit for Canis familiaris	Dog	50 Reactions	Path-AF-C.familiaris-EASY
genesig Easy AnimalFINDER Detection Kit for Equus asinus	Donkey	50 Reactions	Path-AF-E.asinus-EASY
genesig Easy AnimalFINDER Detection Kit for Anas platyrhynchos	Duck	50 Reactions	Path-AF-A.platyrhynchos-EASY
genesig Easy AnimalFINDER Detection Kit for Pleuronectes platessa	European plaice	50 Reactions	Path-AF-P.platessa-EASY
genesig Easy AnimalFINDER Detection Kit for Capra hircus	Goat	50 Reactions	Path-AF-C.hircus-EASY
genesig Easy AnimalFINDER Detection Kit for Melanogrammus aeglefinus	Haddock	50 Reactions	Path-AF-M.aeglefinus-EASY
genesig Easy AnimalFINDER Detection Kit for Equus caballus	Horse	50 Reactions	Path-AF-E.caballus-EASY
genesig Easy AnimalFINDER Detection Kit for Struthio camelus	Ostrich	50 Reactions	Path-AF-S.camelus-EASY
genesig Easy AnimalFINDER Detection Kit for Sus scrofa	Pig	50 Reactions	Path-AF-S.scrofa-EASY
genesig Easy AnimalFINDER Detection Kit for Pollachius pollachius	Pollock	50 Reactions	Path-AF-P.pollachius-EASY
genesig Easy AnimalFINDER Detection Kit for Ovis aries	Sheep	50 Reactions	Path-AF-O.aries-EASY
genesig Easy AnimalFINDER Detection Kit for Meleagris gallopavo	Turkey	50 Reactions	Path-AF-M.gallopavo-EASY
genesig Easy AnimalFINDER Detection Kit for Universal fish	Universal fish	50 Reactions	Path-AF-uni-fish-EASY
genesig Easy AnimalFINDER Detection Kit for universal meat	Universal meat	50 Reactions	Path-AF-uni-meat-EASY
genesig Easy AnimalFINDER Detection Kit for Venison	Venison	50 Reactions	Path-AF-Venison-EASY
genesig Easy AnimalFINDER Detection Kit for Merlangius merlangus	Whiting	50 Reactions	Path-AF-M.merlangus-EASY

For more information and to order, please visit
www.primerdesign.co.uk