



NOVACYT
GROUP

GENESIG
qPCR Assays

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At Novacyt Group, we pride ourselves in concentrating our expertise on a comprehensive and developing portfolio of quality products, backed by proven supply and delivery services, to ensure the highest possible standards of customer service around the world.






Our passion is for health-centric solutions that advance the science behind diagnostics.

This fuels our drive to deliver the genesig® range of qPCR kits for Pathogen detection, Food and Water testing, Veterinary and Agricultural testing and more recently the COVID-19 pandemic.

genesig® qPCR Assays for Human Pathogens

The human pathogen detection kit range forms the largest part of the genesig® portfolio and is ever growing especially in the wake of the recent COVID-19 pandemic.



This segment includes hundreds of kits for pathogenic bacteria, viruses, protozoa, parasites etc. Core solutions include:

-  Respiratory infections including for COVID-19 pandemic solutions
-  Sexually transmitted infections
-  Transplant and immunosuppressed
-  Hepatitis infections
-  Custom multiplex kits







genesig® qPCR Assays for Animal Health/Veterinary Pathogens

It is known that qPCR can provide sensitive, specific and swift detection and quantification of DNA/RNA that has made it an indispensable tool for diagnostics of important animal pathogens. Core solutions include:

-  Companion animal testing
-  Livestock and poultry testing

genesig® qPCR Assays for Food, Water and Agriculture

qPCR testing methods are proven to be the fastest and most accurate way for screening water and food. We offer highly sensitive kits for food borne pathogens, GMO detection, agriculture, meat speciation, allergen testing and water contaminants. Core solutions include:

-  Pathogen contamination
-  Genetically Modified Organisms (GMO)
-  Speciation
-  Allergen



genesig® Formats for your Convenience

	Easy Kit	Advanced Kit	Standard Kit	genesigPLEX Kit Human	genesigPLEX Kit Veterinary
Multiplex qPCR	–	–	–	Yes	Yes
Target primer and probe mix	–	Yes	Yes	–	–
Positive control	Yes	Yes	Yes	Yes	Yes
Separate endogenous control	–	Yes	–	–	–
Internal extraction control (IEC) primer and probe mix	–	Yes	–	–	–
Target/IEC primer and probe mix	Yes	–	–	–	Yes
Target/endogenous control primer and probe mix	–	–	–	Yes	–
Lyophilised master mix	Yes	–	–	Yes	Yes
Reaction tubes	Yes	–	–	–	–
Resuspension buffers	Yes	Yes	Yes	Yes	Yes
Kit size (tests)	50	100-150	100-150	100	100



genesig® assays are available for Research Use Only and/or Clinical Diagnostics purposes, depending on the target pathogen and version of the kit purchased. We also provide bespoke OEM kits for specific pathogens.

For more information, please get in touch at enquiries@primerdesign.co.uk

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