



Protocols for pre-treatment of samples/controls
for nucleic acid extraction with the ID Gene™ Mag Fast Extraction kit
and analysis using kits from the ID Gene™ and ID Gene Lyo™ (RT) qPCR product ranges.

Last update: 11/02/2025

The following pre-treatment protocols are available upon request at the address: info@innovative-diagnostics.com :

AVIAN RANGE

Avian coronavirus (including all variants of Infectious Bronchitis Virus (IBV) and coronaviruses isolated from turkey, pheasant and pigeon)

(RT-) qPCR KIT NAME (PRODUCT CODE)	SAMPLE TYPE					EXOGENOUS NON-TARGET POSITIVE CONTROL (NTPC)	ASSOCIATED POSITIVE EXTRACTION CONTROL (PRODUCT CODE)	PRE-TREATMENT PROTOCOL		
	Swabs	Organs	Nucleic acids storage cards	Environmental samples	Other(s)			Name	Version	Modification made
ID Gene™ Infectious Bronchitis (IDIBV)	Tracheal, oropharyngeal and cloacal. Individual samples or pools of up to 5	Trachea, lung, kidney and cecal tonsils. Individual samples or pools of up to 5	Individual samples or pool of up to 5	Surface swabs	No	NTPC-BIRD included in the qPCR kit	IBV Positive Extraction Control (PEC-IBV)	IBV- MAGFAST	0923	Environmental swabs (surface swabs) now available as a new testing matrix.

Avian reovirus

(RT-) qPCR KIT NAME (PRODUCT CODE)	SAMPLE TYPE					EXOGENOUS NON-TARGET POSITIVE CONTROL (NTPC)	ASSOCIATED POSITIVE EXTRACTION CONTROL (PRODUCT CODE)	PRE-TREATMENT PROTOCOL		
	Swabs	Organs	Nucleic acids storage cards	Environmental samples	Other(s)			Name	Version	Modification made
ID Gene™ Avian Reovirus Duplex (IDREOV)	No	Tendon, spleen, liver, pancreas and heart. Individual samples or pools of up to 5	Individual samples or pool of up to 5	No	No	NTPC-BIRD included in the qPCR kit	REO Positive Extraction Control (PEC-REO)	REOV- MAGFAST	0921	N/A, IDREOV RT-qPCR kit now available

Infectious Laryngotracheitis Virus (ILTV)

(RT-) qPCR KIT NAME (PRODUCT CODE)	SAMPLE TYPE					EXOGENOUS NON-TARGET POSITIVE CONTROL (NTPC)	ASSOCIATED POSITIVE EXTRACTION CONTROL (PRODUCT CODE)	PRE-TREATMENT PROTOCOL		
	Swabs	Organs	Nucleic acids storage cards	Environmental samples	Other(s)			Name	Version	Modification made
ID Gene™ ILT Duplex (IDILTV)	Tracheal, oropharyngeal and cloacal. Individual samples or pools of up to 5	Individual samples or pools of up to 5	Individual or pools of up to 5	No	No	NTPC-BIRD included in the qPCR kit	ILTV Positive Extraction Control (PEC-ILTV)	ILTV- MAGFAST	0620	N/A, IDILTV qPCR kit now available

Influenza A viruses

(RT-) qPCR KIT NAME (PRODUCT CODE)	SAMPLE TYPE					EXOGENOUS NON-TARGET POSITIVE CONTROL (NTPC)	ASSOCIATED POSITIVE EXTRACTION CONTROL (PRODUCT CODE)	PRE-TREATMENT PROTOCOL		
	Swabs	Organs	Nucleic acids storage cards	Environmental samples	Other(s)			Name	Version	Modification made
ID Gene™ Influenza A Duplex (IDFLUA)	Tracheal, oropharyngeal and cloacal swabs; Individual samples or pools of up to 10	Trachea, lung, and cecal tonsils; Individual samples or pools of up to 5	Individual samples or pool of up to 5	No	No	No. <i>In the case of multi-pathogen analyses, it is possible to use the NTPC from another (RT-)qPCR kit</i>	FLUA Positive Extraction Control (PEC-FLUA)	FLUA-MAGFAST	1219	For IDFLUA RT-qPCR kit provided with a Positive Amplification Control (PAC) instead of a Target Positive Control (TPC).
ID Gene™ Influenza A Triplex (IDFLUATRI)	Tracheal, oropharyngeal and cloacal swabs; Individual samples or pools of up to 5	Liver-spleen-kidney-pancreas-heart, intestine, lung-trachea, brain; Individual samples or pools of up to 5		Surface swabs and boot swabs	No	NTPC-BIRD included in the qPCR kit	FLU Positive Extraction Control (PEC-FLU)	FLUATRI-MAGFAST	0323	N/A, IDFLUATRI RT-qPCR kit now available
ID Gene™ Influenza A H5/H7 Triplex - Export version (IDFLUH5H7-EXP)		Trachea, lung, spleen, liver; Individual samples or pools of up to 5		No	No	No. <i>In the case of multi-pathogen analyses, it is possible to use the NTPC from another (RT-)qPCR kit</i>	FLUH5H7 Positive Extraction Control (PEC-FLUH5H7)	FLUH5H7-EXP-MAGFAST	0121	N/A, IDFLUH5H7-EXP RT-qPCR kit now available
ID Gene™ Influenza H9 Lineage G1-like Duplex (IDFLUH9G1)		Trachea, lung, and cecal tonsils; Individual samples or pools of up to 5		No	No		FLUH9 Positive Extraction Control (PEC-FLUH9)	FLUH9G1-MAGFAST	1119	N/A, IDFLUH9G1 RT-qPCR kit now available

Mycoplasmas

(RT-) qPCR KIT NAME (PRODUCT CODE)	SAMPLE TYPE					EXOGENOUS NON-TARGET POSITIVE CONTROL (NTPC)	ASSOCIATED POSITIVE EXTRACTION CONTROL (PRODUCT CODE)	PRE-TREATMENT PROTOCOL		
	Swabs	Organs	Nucleic acids storage cards	Environmental samples	Other(s)			Name	Version	Modification made
ID Gene™ MG/MS Triplex (IDMGMS)	Tracheal or oropharyngeal	No	Individual or pools of up to 3	No	No	No. <i>In the case of multi- pathogen analyses, it is possible to use the NTPC from another (RT-)qPCR kit.</i>	MGMS Target Positive Control (TPC-MGMS)	MGMS- MAGFAST	1021	For IDMGMS qPCR kit provided with a Target Positive Control (TPC).
ID Gene™ MG/MS Triplex (IDMGMS)	Tracheal or oropharyngeal. Individual samples or pools of up to 3	No	Individual or pools of up to 3	No	No		MGMS Positive Extraction Control (PEC-MGMS)	MGMS- MAGFAST	0120	For IDMGMS RT-qPCR kit provided with a Positive Amplification Control (PAC) instead of a Target Positive Control (TPC).

Newcastle disease virus (NDV)

(RT-) qPCR KIT NAME (PRODUCT CODE)	SAMPLE TYPE					EXOGENOUS NON-TARGET POSITIVE CONTROL (NTPC)	ASSOCIATED POSITIVE EXTRACTION CONTROL (PRODUCT CODE)	PRE-TREATMENT PROTOCOL		
	Swabs	Organs	Nucleic acids storage cards	Environmental samples	Other(s)			Name	Version	Modification made
ID Gene™ Newcastle Disease Duplex (IDNDV)	Tracheal, oropharyngeal and cloacal swabs Individual samples or pools of up to 5	Trachea, lung, spleen, liver, brain and cecal tonsils. Individual samples or pools of up to 5	Individual samples or pools of up to 5	No	No	NTPC-BIRD included in the qPCR kit	NDV Positive Extraction Control (PEC-NDV)	NDV- MAGFAST	1019	N/A, IDNDV RT-qPCR kit now available

Salmonellas

(RT-) qPCR KIT NAME (PRODUCT CODE)	SAMPLE TYPE					EXOGENOUS NON-TARGET POSITIVE CONTROL (NTPC)	ASSOCIATED POSITIVE EXTRACTION CONTROL (PRODUCT CODE)	PRE-TREATMENT PROTOCOL		
	Swabs	Organs	Nucleic acids storage cards	Environmental samples	Other(s)			Name	Version	Modification made
ID Gene Lyo™ Salmonella spp. Duplex (IDSALL)	No	No	No	Boot swabs, and surface swabs from poultry farming	No	NTPC-BIRD included in the qPCR kit	SAL Positive Extraction Control (PEC-SAL)	SALL- MAGFAST	0225	N/A, IDSALL-qPCR kit now available