



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

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

EQUINE RANGE

Equine herpesviruses type 1 (EHV-1) and 4 (EHV-4), responsible for equine rhinopneumonitis

(RT-) qPCR KIT NAME (PRODUCT CODE)	SAMPLE TYPE				EXOGENOUS NON-TARGET POSITIVE CONTROL (NTPC)	ASSOCIATED POSITIVE EXTRACTION CONTROL (PRODUCT CODE)	PRE-TREATMENT PROTOCOL		
	Blood	Swabs	Organs	Other(s)			Name	Version	Modification made
ID Gene Lyo™ Equine Herpesvirus 1 and 4 Triplex (IDEHV1/4L)	Whole blood collected on EDTA	Respiratory (nasal or nasopharyngeal)	Organs from aborted foetuses	No	NTPC-EHV1/4 included in the qPCR kit	EHV1/4 Positive Extraction Control (PEC-EHV1/4L)	EHV- MAGFAST	1224	N/A, IDEHV1/4L qPCR kit now available

Influenza A virus

(RT-) qPCR KIT NAME (PRODUCT CODE)	SAMPLE TYPE				EXOGENOUS NON-TARGET POSITIVE CONTROL (NTPC)	ASSOCIATED POSITIVE EXTRACTION CONTROL (PRODUCT CODE)	PRE-TREATMENT PROTOCOL		
	Blood	Swabs	Organs	Other(s)			Name	Version	Modification made
ID Gene Lyo™ Influenza A Multi-species Triplex (IDFLUAMSL)	No	Nasal / nasopharyngeal swab (individual samples)	No	<ul style="list-style-type: none"> • Viral culture (individual samples) • Nucleic acid storage cards (individual samples or pools of up to 5) 	NTPC-EXO1 included in the RT-qPCR kit	FLUAMS Positive Extraction Control (PEC-FLUAMS)	FLU- MAGFAST	0825	N/A, IDFLUAMSL RT-qPCR kit now available

***Taylorella equigenitalis* bacteria, responsible for contagious equine metritis (CEM), and *Klebsiella pneumoniae* and *Pseudomonas aeruginosa* bacteria**

(RT-) qPCR KIT NAME (PRODUCT CODE)	SAMPLE TYPE				EXOGENOUS NON-TARGET POSITIVE CONTROL (NTPC)	ASSOCIATED POSITIVE EXTRACTION CONTROL (PRODUCT CODE)	PRE-TREATMENT PROTOCOL		
	Blood	Swabs	Organs	Other(s)			Name	Version	Modification made
ID Gene Lyo™ Contagious equine metritis TKP Quadruplex (IDCEML)	No	Genital swab	No	Semen	NTPC-CEM included in the qPCR kit	CEM Positive Extraction Control (PEC-CEM)	CEM- MAGFAST	0824	N/A, IDCEML qPCR kit now available