



Protocols for pre-treatment of samples/controls
and/or nucleic acid extraction by rapid direct lysis
with the Direct Lysis Buffer Version 2 (40 mL) (product code: DLBV2-40ML)
for analysis using (RT) qPCR kits from the ID Gene™ and ID Gene Lyo™ product ranges.

Last update: 12/08/2026

The following protocols for pre-treatment and/or extraction 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	Nasal or nasopharyngeal	Organs from aborted foetuses	No	NTPC-EHV1/4 included in the qPCR kit	EHV1/4 Positive Extraction Control (PEC-EHV1/4)	EHV- DLBV2	1224	N/A, IDEHV1/4L qPCR kit now available

Streptococcus equi subsp. *equi* and subsp. *zooepidemicus*

TARGET PATHOGENS	(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
• <i>Streptococcus equi</i> subsp. <i>equi</i>, responsible for Strangles • <i>Streptococcus equi</i> subsp. <i>zooepidemicus</i>, responsible for respiratory symptoms and abortion	ID Gene Lyo™ Strangles Discrimination Triplex (IDSTRANGDL)	No	Nasal or naso-pharyngeal	Organs from aborted fetuses (lung, liver, placenta)	Guttural pouch wash samples, nasopharyngeal, bronchoalveolar or tracheal wash samples	NTPC-EXO2 included in the qPCR kit	SEE and SEZ Positive Extraction Control (PEC-STRANGD)	STRANGDL-DLBV2	0526	N/A, IDSTRANGDL qPCR kit now available