Shrimp **MultiPath2.0**™

Analytical sensitivity (limit of detection/LOD) compared to WOAH and industry-standard pathogen detection procedures

Assay ID	Shrimp MultiPath2.0 LOD (copies/re-action)	WOAH Endorsed & industry standard PCR tests LOD (copies/reac-tion)	Reference & WOAH (OIE) status
AHPND PirA	2	10^5 CFU ml-1	Han et al 2015 (OIE listed test)
AHPND PirB	2	100 fg DNA	Dangtip et al 2015 (OIE Listed)
EHP	2	10	Jaroenlak et al 2016
IHHNV	2	10	Tang and Lightner 2001 (OIE Listed)
WSSV	2	4	Durand and Lightner 2002 (OIE Listed)
HPV(HDV)	2	4	Liu et al 2013
TSV	2	10	Dhar et al 2002 (OIE Listed)
NHP	2	10	Vincent and Lotz 2005
IMNV	2	10	Andrade et al., 2007 (OIE Listed)
YHV_1	2	14	Wijegoonawardane et al 2008
YHV2_GAV	4	20	FRDC Project 2013/036 (YHV grp. PCR)
YHV_7	2	8	CSIRO AFDL
LSNV	2	10	Arunrut et al 2014
MBV	2	8	Belcher et al 1998
MoV	5	10	Rajendran et al., 2006
DIV1	2	4	Qiu et al., 2018 (OIE Listed)
PvNV	2	NA	Tang et al., 2007
CmNV	2	2	Wang et al., 2022
MrNV	2	10	Zhang et al., 2006 (OIE Listed)

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Note: the most sensitive available WOAH-endorsed or industry-stan-dard PCR is listed. LOD is the limit of detection, also known as ana-lytical sensitivity (ASe). LOD or ASe is the minimum amount of a par-ticular pathogen detected with high confidence by any given assay.

CFU: colony forming units | fg: femtogram

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