

Genomic RNA from Alphacoronavirus 1, Purdue P115 (attenuated) (formerly Porcine Transmissible Gastroenteritis Virus)

Catalog No. NR-48571

Product Description: Genomic RNA was isolated from a preparation of cell lysate and supernatant from *Sus scrofa* testicular fibroblasts¹ infected with alphacoronavirus 1, Purdue P115 (attenuated).

Lot²: 63178350

Manufacturing Date: 06JAN2015

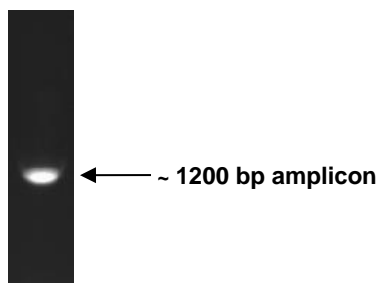
TEST	SPECIFICATIONS	RESULTS
Sequencing of Species-Specific Region (1037 nucleotides)	Consistent with alphacoronavirus 1, Purdue P115	100% identity with alphacoronavirus 1, Purdue P115 (GenBank: DQ811788)
Functional Activity by RT-PCR Amplification³	~ 1200 bp amplicon	~ 1200 bp amplicon (Figure 1)
Total RNA Content by RiboGreen[®] Measurement (Viral, Cellular and Carrier)	Report results	222 ng per 100 µL
Virus Inactivation 10% of total yield inoculated on ST cells ¹ and evaluated for cytopathic effect	No virus detected	No virus detected

¹ST cells (ATCC[®] CRL-1746[™])

²Nucleic acid was extracted from a preparation of alphacoronavirus 1, Purdue P115 (attenuated) (BEI Resources NR-43285, Lot 61617360), using QIAamp[®] Viral RNA Mini Kit (Qiagen 52906).

³Amplified using iTaq[™] Universal SYBR[®] Green One-Step Kit (Bio-Rad 172-5151) with 10 µL of NR-48571 in a 50 µL reaction

Figure 1



Date: 08 JUN 2015

Signature: *Michael Q. Gynther*

BEI Resources Authentication

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