

Horse Serum
Performance, Mycoplasma, Endotoxin, EIA tested (negative) and
Virus tested.

Lot Number: 2799541
Item Number: 16050
Expiration Date: 2027-09
Storage Temp: <= -10C
Country of Origin: New Zealand

For research use or further manufacturing use only. Serum and blood proteins are not for direct administration into humans or animals.

0.2 micron filtered

TEST	TEST ID	SPECIFICATION	RESULT	UNITS
Electrophoretic Profile	ELECTR0063	Normal	Normal	
Endotoxin	ENDO0116	Check and Record	0.636	EU/mL
Equine Infectious Anaemia	VIRUS0356	Negative	Negative	
Haemoglobin	HAEMO0032	Check and Record	11.4	mg%
Mycoplasma Screen	MYCO0047	Negative	Negative	
Osmolality	OSMO0053	270 - 310	284	mOsm/kg H2O
pH	PH0116	6.8 - 7.6	7.3	
Sp2 Toxicity Assay	CYTTOX0016	Check and Record	100	%
Sterility	STERI0056	Negative	Negative	
Total Protein	PROTEI0063	5.3 - 7.9	6.3	g/dL
Virus: Bovine Viral Diarrhoea Virus	VIRUS0408	Negative	Negative	
Virus: Cytopathogenic Agents	VIRUS0413	Negative	Negative	
Virus: Equine Herpes	VIRUS0417	Negative	Negative	
Virus: Equine Viral Arteritis	VIRUS0418	Negative	Negative	
Virus: Haemadsorbing Agents	VIRUS0414	Negative	Negative	
Virus: Rabies Virus	VIRUS0411	Negative	Negative	
Virus: Reovirus	VIRUS0412	Negative	Negative	

GIBCO brand, Thermo Fisher Scientific cell culture liquid products are prepared by an aseptic process for which each step has been validated to ensure that all products meet the industry standard sterility assurance level of 10^{-3} ; i.e. product that demonstrates a contamination level of no more than 1 of 1,000 units during the manufacturing process. The highest level of sterility assurance (equal to or greater than 10^{-6}) cannot be achieved without terminal sterilization which is harmful to the performance of cell culture products.

NOTICE: Since our sera are not pre-aged before filtration, turbidity or flocculent debris may develop upon thawing or storage. This condition does not adversely affect performance characteristic of the serum.

Notice: For lots manufactured from 21 Nov 2017, the storage temperature and intended use for this product has changed per ECR1038162 and ECR1038594. These changes will not impact product quality, stability or performance and there are no associated changes in the manufacturing, storage or transport processes. If you have questions regarding these changes, please contact Thermo Fisher Scientific Technical Support at 1-800-955-6288 in North America or techsupport@thermofisher.com globally.

-----Thermo Fisher Scientific New Zealand Limited is ISO9001 Certified and Licensed with Ministry for Primary Industries -----



Quality Systems Department

Date: 02-Nov-2023

References

- ELECTR0063: Protein Electrophoresis.
- ENDO0116: LAL Chromogenic, Current edition of USP.
- VIRUS0356: Gel Diffusion Test, Pearson, J.E., Coggins, L., (1979) American Association Veterinary Laboratory Diagnosticians 22nd Annual Proceedings, 449-462.
- HAEMO0032: Determined Spectrophotometrically, Fleming, A.F. and Woolf, A.J. Clin. Chem. 12, 67, 1965.
- MYCO0047: Barile, M.F. & Kern, J. (1971) P.S.E.M.B. 138, 432, Thermo Fisher Scientific Modified.
- OSMO0053: Freezing Point Depression.
- PH0116: Combined Electrode, USP/EP.
- CYTTOX0016: Thermo Fisher Scientific Specifications, Ref Thermo Fisher Scientific Catalog. Cell Line Used: Sp2/O-Ag14 (ATCC No. CRL-1581). Test samples were evaluated for nutritional support of target cells utilizing the murine myeloma cell line Sp2/O-Ag14 (Sp2). Comparable growth rates of Sp2 cells in samples of complete test medium were obtained relative to parallel cultures grown in reference control medium.
- STERI0056: Current edition of USP and EP.
- PROTEI0063: Biuret Method: Doumas et al.(1975). Clin. Chem. 21, 1159.
- VIRUS0408: Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
- VIRUS0413: Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
- VIRUS0417: Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
- VIRUS0418: Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
- VIRUS0414: Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
- VIRUS0411: Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
- VIRUS0412: Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].