

Charcoal Stripped  
Fetal Bovine Serum One Shot (TM)  
(Meets USDA import requirements)

**Lot Number:** 2465930  
**Item Number:** A33821  
**Expiration Date:** 2026-03  
**Storage Temp:** <= -10C  
**Storage Instructions:** Protect from light  
**Country of Origin:** UNITED STATES  
**Originated From:** 2465930

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

Sterile filtered (0.1 um)

TEST	TEST ID	SPECIFICATION	RESULT	UNITS
<b>Electrophoretic Pattern</b>	ELECTR0001	Normal	Normal	
<b>Endotoxin Testing</b>	ENDO0007	Check and Record	<0.05	EU/mL
<b>Hormone Profile: Estradiol</b>	HORMON0011	Check and Record	21.94	pg/mL
<b>Hormone Profile: Estradiol (Post Treatment)</b>	HORMON0006	Check and Record	<4.00	pg/mL
<b>Mycoplasma Testing</b>	MYCO0013	Negative	Negative	
<b>Mycoplasma, Supplemental (H-Stain)</b>	MYCO0016	Negative	Negative	
<b>Osmolality</b>	OSMO0002	Check and Record	313	mOsm/kg
<b>pH</b>	PH0003	6.9 - 7.8	7.4	
<b>Sterility Testing</b>	STERI0006	Negative	Negative	
<b>Total Protein</b>	PROTEI0001	3.0 - 5.0	3.4	g/dL
<b>Vero Assay</b>	VERO0004	Check and Record	80	%
<b>VT - Bluetongue Virus FA</b>	VIRUS0048	Negative	Negative	
<b>VT - Bovine Adenovirus FA</b>	VIRUS0029	Negative	Negative	
<b>VT - Bovine Parvovirus FA</b>	VIRUS0028	Negative	Negative	
<b>VT - BVDV Fluorescent Antibody</b>	VIRUS0005	Tested	Tested	
<b>VT - Cytopathogenic Agents</b>	VIRUS0032	Negative	Negative	
<b>VT - Hemadsorbing Agents</b>	VIRUS0033	Negative	Negative	
<b>VT - Rabies Virus FA</b>	VIRUS0030	Negative	Negative	
<b>VT - Reovirus FA</b>	VIRUS0031	Negative	Negative	
<b>VT- BRSV Fluorescent Antibody</b>	VIRUS0041	Negative	Negative	

Read SDS

Notice: Effective 11JUN2021, a new testing contractor and product test method has been qualified to perform Estradiol testing per ECR1074975. This change will not impact the customer's ability to utilize the purchased product as product form, fit and function will not be affected.

Notice: Effective 12/JUN/2020, the testing method for this product has changed per ECR1063306. Our approved contract laboratory has updated the method for testing hormone: Estradiol. If you have questions regarding this change, please contact Thermo Fisher Scientific Technical Support at 1-800-955-6288 in North America or Techsupport@thermofisher.com globally.

NOTE: Notice: Effective 01JUN2020, the expiration date for this product has changed as per ECR1062694 from 24 months to 36 months. If you have any questions regarding this change, please contact Thermo Fisher Scientific Technical Support at 1-800-955-6288 in North America or techsupport@thermofisher.com globally.

Notice: Effective 09AUG2018, the test method has changed per ECR1045518 from "Performance Testing: Cloning Assay" to "Vero Assay." These changes will not impact product quality, stability or performance and there are no associated changes in the manufacturing, storage or transportation processes. If you have any questions regarding this change, please contact Thermo Fisher Scientific Technical Support at 1-800-955-6288 in North America or techsupport@thermofisher.com globally.

Notice: For lots manufactured from 28NOV2017, the storage temperature for this product has changed per ECR1038594. This change 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 this change, please contact Thermo Fisher Scientific Technical Support at 1-800-955-6288 in North America or techsupport@thermofisher.com globally.



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Quality Systems Department

Date: 09-May-2022

## References

- ELECTR0001: Protein Electrophoresis.
- ENDO0007: Current United States Pharmacopeia, <85> Bacterial Endotoxins Test.
- HORMON0011: Hormone profile testing performed by approved contract laboratory.
- HORMON0006: Hormone profile testing performed by approved contract laboratory.
- MYCO0013: Barile, M.F. and Kern, J. (1971) P.S.E.M.B. 138, 432, Thermo Fisher Scientific Modified.
- MYCO0016: Hoechst H Stain Chen, T.R. (1977) Exp. Cell Res., 104, 255 Thermo Fisher Scientific Modified.
- OSMO0002: Thermo Fisher Scientific Specifications.
- PH0003: Thermo Fisher Scientific Specifications.
- STERI0006: Current edition of USP.
- PROTEI0001: Tietz, Norbert W. : Biuret Method for the Determination of Total Protein in Serum and Exudates. Fundamentals of Clinical Chemistry, 1976, pages 302-304.
- VERO0004: Thermo Fisher Scientific Specifications, Ref.: GIBCO Catalog. Cell Line Used: African Green Monkey Kidney Cells (VERO), ATCC No. CCL-81. Each lot of serum is tested for its ability to support the growth of VERO cells over three subcultures. At each passage, the cells are subcultured to the original cell inoculation density. Results are compared to parallel results obtained using control growth medium containing a previously characterized reference serum.
- VIRUS0048: Virus Testing (VT) is performed according to the Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
- VIRUS0029: Virus Testing (VT) is performed according to the Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
- VIRUS0028: Virus Testing (VT) is performed according to the Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].

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- VIRUS0005: Virus Testing (VT) is performed according to the Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
  - VIRUS0032: Virus Testing (VT) is performed according to the Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
  - VIRUS0033: Virus Testing (VT) is performed according to the Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
  - VIRUS0030: Virus Testing (VT) is performed according to the Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
  - VIRUS0031: Virus Testing (VT) is performed according to the Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].
  - VIRUS0041: Virus Testing (VT) is performed according to the Code of Federal Regulations, (CFR), Title 9, Part 113.53 (c) [113.46, 113.47].