

Product:	Donor Horse Serum	Description:	United States Origin
Catalog Number:	35-030-CV, 35-030-CI	Lot Number:	35030110
Date of Manufacture:	30 JUL 2018	Date of Expiration:	31 JUL 2023
Country of Raw Material Origin:	United States	Country of Final Processing:	United States
Sterility Assurance Level:	10 ⁻³ (0.2 µm Filtered)	Storage:	-40°C to -10°C

Test	Method	Specification	Results	Units
Endotoxin	USP <85>	≤ 5.0	<0.1	EU/mL
Hemoglobin	Fleming and Woolf	≤ 25	4.29	mg/dL
Mycoplasma	Barile and Kern & Hoechst Fluorochrome Stain	Not Detected	Not Detected	N/A
Osmolality	USP <785>	260 – 350	279	mOsm/kg H ₂ O
pH	USP <791>	6.5 – 8.5	8.00	N/A
Sterility (Bacteria & Fungi)	USP <71>	No Growth	No Growth	N/A
Total Protein	USP <1057>	5.0 – 8.0	6.6	g/dL
Virus Testing	9 CFR Part 113.53c			
Equine Herpesvirus		Not Detected	Not Detected	N/A
Equine Viral Arteritis		Not Detected	Not Detected	N/A
Equine Infectious Anemia Virus		Not Detected	Not Detected	N/A
Bovine Viral Diarrhea Virus		As Reported	Not Detected	N/A
Rabies Virus		Not Detected	Not Detected	N/A
Reovirus		Not Detected	Not Detected	N/A
Cytopathogenic Agents (IBR)		Not Detected	Not Detected	N/A
Hemadsorbing Agents (PI3)		Not Detected	Not Detected	N/A
Biochemical Testing - Proteins & Organic Compounds				
Alkaline Phosphatase		As Reported	91	IU/L
Blood Urea Nitrogen (BUN)		As Reported	18	mg/dL
Cholesterol		As Reported	71	mg/dL
Creatinine		As Reported	1.0	mg/dL
Glucose		As Reported	56	mg/dL
Glutamic Oxaloacetic Transaminase (AST)		As Reported	189	IU/L
Glutamic Pyruvic Transaminase (ALT)		As Reported	4	IU/L
Total Bilirubin		As Reported	0.2	mg/dL
Triglyceride		As Reported	16	mg/dL
Uric Acid		As Reported	0.4	mg/dL
Biochemical Testing - Electrophoretic Profile	Cellulose Acetate Electrophoresis	Normal	Normal	N/A
Albumin		As Reported	2.9	g/dL
Alpha		As Reported	1.2	g/dL
Beta		As Reported	1.1	g/dL
Gamma		As Reported	1.4	g/dL
Biochemical Testing - Trace Metals				
Calcium		As Reported	11.2	mg/dL
Chloride		As Reported	99	mmol/L

Iron	As Reported	355	µg/dL
Magnesium	As Reported	1.6	mg/dL
Phosphorus	As Reported	3.6	mg/dL
Potassium	As Reported	4.1	mmol/L
Sodium	As Reported	136	mmol/L
Biochemical Testing - Hormones			
Cortisol	As Reported	4.20	µg/dL
Insulin	As Reported	10.87	µIU/mL
Testosterone	As Reported	<0.01	ng/mL
T3	As Reported	56.6	ng/dL

Notes:

For additional information on this Mediatech product, please contact our Technical Services department at (800) 235-5476 or via email at MTTechServ@corning.com.

This product was tested in accordance with Mediatech, Inc. specifications and procedures current as of date of manufacture. Testing procedures are maintained in compliance with the current versions of the USP and/or EP, where applicable.

Cell lines used in 9CFR Part 113.53c virus testing: ED and Vero.

For research or further manufacturing uses only. Not for use as an excipient. Not for therapeutic or diagnostic uses. Not for human or animal consumption. Utilization of this product apart from the labeled intended use may be a violation of local and/or Federal Law.

Origin and EU Statements:

The aforementioned lot was manufactured from donor horse blood collected from government approved facilities located in the United States. Each donor horse tested negative for Equine Infectious Anemia (EIA) per the Coggins Test. Product meets European Union requirements for production of technical blood products. Product is derived from blood collected at: MO-TEC-0001, United States.

The following signatures indicate the above material has met all quality specifications and has been reviewed by a Quality representative.

Written By/Date: Michael Murray 05 MAY 2021 Reviewed By/Date: Daniel Hu 05 MAY 2021

