

Product:	Donor Horse Serum	Description:	United States Origin
Catalog Number:	35-030-CF, 35-030-CV	Lot Number:	29122001
Date of Manufacture:	09 NOV 2022	Date of Expiration:	NOV 2027
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> & EP 2.6.14	≤ 5.0	<0.1	EU/mL
Hemoglobin	USP <90>	≤ 25	3.25	mg/dL
Mycoplasma	Barile and Kern & Hoechst Fluorochrome Stain	Not Detected	Not Detected	N/A
Osmolality	USP <785> & EP 2.2.35	260 – 350	273	mOsm/kg H ₂ O
pH	USP <791> & EP 2.2.3	6.5 – 8.5	8.03	N/A
Sterility (Bacteria & Fungi)	USP <71> & EP 2.6.1	No Growth	No Growth	N/A
Total Protein	USP <1057> & EP 2.5.33	5.0 – 8.0	6.0	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	96	IU/L
Blood Urea Nitrogen (BUN)		As Reported	18	mg/dL
Cholesterol		As Reported	60	mg/dL
Creatinine		As Reported	1.0	mg/dL
Glucose		As Reported	56	mg/dL
Glutamic Oxaloacetic Transaminase (AST)		As Reported	191	IU/L
Glutamic Pyruvic Transaminase (ALT)		As Reported	5	IU/L
High Density Lipoprotein Cholesterol (HDL)		As Reported	48	mg/dL
Low Density Lipoprotein Cholesterol (LDL)		As Reported	9	mg/dL
Total Bilirubin		As Reported	0.3	mg/dL
Triglyceride		As Reported	13	mg/dL
Uric Acid		As Reported	0.4	mg/dL
Biochemical Testing - Electrophoretic Profile	Cellulose Acetate Electrophoresis	Normal	Normal	N/A
Albumin		As Reported	2.6	g/dL
Alpha		As Reported	1.6	g/dL
Beta		As Reported	0.4	g/dL
Gamma		As Reported	1.4	g/dL
Biochemical Testing - Trace Metals				

Calcium	As Reported	10.3	mg/dL
Chloride	As Reported	96	mmol/L
Iron	As Reported	255	µg/dL
Magnesium	As Reported	1.7	mg/dL
Phosphorus	As Reported	3.3	mg/dL
Potassium	As Reported	4.1	mmol/L
Sodium	As Reported	133	mmol/L
Biochemical Testing - Hormones			
Cortisol	As Reported	3.36	µg/dL
Insulin	As Reported	17.56	µIU/mL
Testosterone	As Reported	<0.01	ng/mL
T3	As Reported	46.7	ng/dL

Notes:

For additional information on this Mediatech product, please contact our Technical Services department at (800) 492-1110 or via email at scientificsupport@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.


Product meets European Union requirements for the production of technical blood products.

Product is derived from blood collected at: MO-TEC-0001 USA

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 USA.

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

Written By/Date:	DocuSigned by: <i>La Her</i> 09-Jan-2023	Reviewed By/Date: <i>Daniel Hu</i> 09-Jan-2023
	 Signer Name: La Her Signing Reason: I am the author of this document Signing Time: 09-Jan-2023 8:32:22 PM EST B4EFF4CB53B04B75975F5AF91FB7EC70	

