

NEUROMICS

CERTIFICATE OF ANALYSIS

Donor Horse Serum

Batch/Lot No:	NA2161	Expiration Date:	May 2026
Catalog No:	SER006	Storage:	≤ -10°C
Country of Raw Material Origin:	Chile	Appearance:	Clear straw to amber liquid
Country of Final Manufacturing:	United States	Filtration:	Sterile 0.2 um membrane filtered
Date of Manufacture:	May 2021		

Chemical Parameters

Test	Methodology	Unit of Measure	Specification	Results
Alkaline Phosphatase	Chemistry Analyzer	IU/L	As Reported	221.0
ALT (SGPT)	Chemistry Analyzer	IU/L	As Reported	8.0
AST (SGOT)	Chemistry Analyzer	IU/L	As Reported	259.0
Bilirubin	Chemistry Analyzer	mg/dL	As Reported	0.2
Calcium	Chemistry Analyzer	mg/dL	As Reported	10.6
Chloride	Chemistry Analyzer	mEq/L	As Reported	96.0
Cholesterol	Chemistry Analyzer	mg/dL	As Reported	73.0
Creatinine	Chemistry Analyzer	mg/dL	As Reported	1.0
GGT	Chemistry Analyzer	IU/L	As Reported	10.0
Glucose	Chemistry Analyzer	mg/dL	As Reported	52.0
Hemoglobin	USP <90>	mg/dL	As Reported	25.35
Iron	Chemistry Analyzer	µg/dL	As Reported	254.0
LDH	Chemistry Analyzer	IU/L	As Reported	526.0
Magnesium	Chemistry Analyzer	mEq/L	As Reported	1.4
Osmolality	Osmometer	mOsm/kg H ₂ O	As Reported	296.0
pH	pH Meter		As Reported	7.4
Phosphate	Chemistry Analyzer	mg/dL	As Reported	3.7
Potassium	Chemistry Analyzer	mEq/L	As Reported	4.7
Sodium	Chemistry Analyzer	mEq/L	As Reported	135.0
Total Protein	Chemistry Analyzer	g/dL	As Reported	6.3
Triglycerides	Chemistry Analyzer	mg/dL	As Reported	48.0
Urea Nitrogen (BUN)	Chemistry Analyzer	mg/dL	As Reported	19.0
Uric Acid	Chemistry Analyzer	mg/dL	As Reported	0.6

Microbiological Parameters

Test	Methodology	Unit of Measure	Specification	Results
Endotoxin	LAL	EU/mL	≤ 10	0.43
Mycoplasma	PCR		Not Detected	Not Detected
Sterility				
Bacteria	9CFR 113.26		No Growth	No Growth
Fungi	9CFR 113.26		No Growth	No Growth

Viral Testing

Test	Methodology	Specification	Results
Equine Infectious Anemia	AGID	Not Detected	Not Detected

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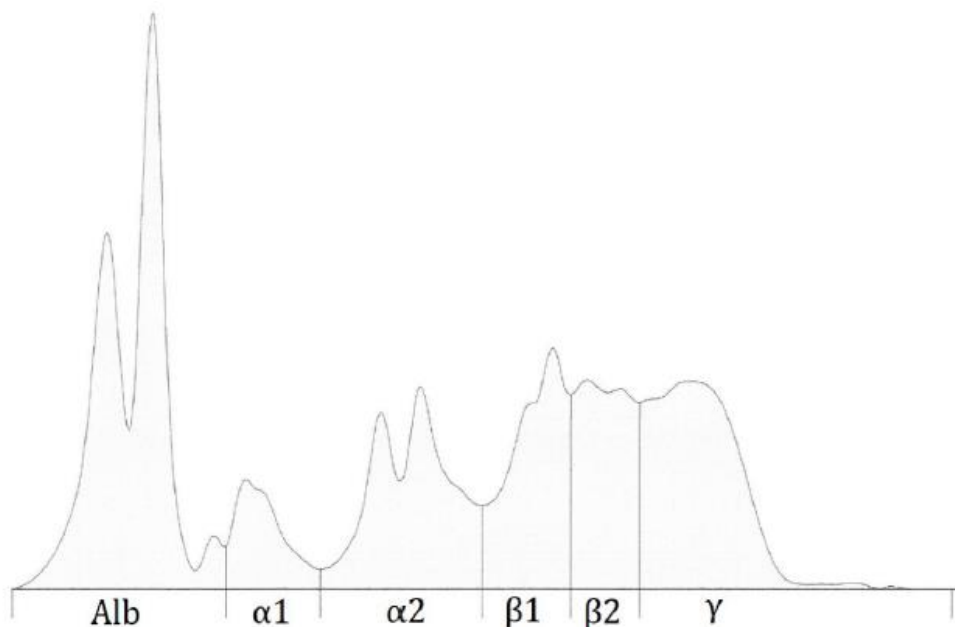
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Protein Electrophoresis

Test	Unit of Measure	Specification	Results
Albumin	g/dL	As Reported	1.90
Alpha Globulins 1 & 2	g/dL	As Reported	1.40
Beta Globulins 1 & 2	g/dL	As Reported	1.70
Gamma Globulins	g/dL	As Reported	1.30

Protein Electrophoresis

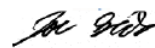


Test results reviewed and approved by*



May 25, 2021

Approved by/Date



May 27, 2021

Verify by/Date

* Test results for this product may have been obtained from third-party certified testing facilities. Results are believed to be accurate but have not been verified by Neuromics. Neuromics relies on the integrity of third-party testing facilities and conducts periodic audits of those facilities. Such audits provided Neuromics with sufficient confidence in the facilities' level of compliance.