

Product: **FetalPlex™ Animal Serum Complex**
 Triple 0.1µm sterile-filtered

Catalog #: 100-602

Lot #: J82J00J

Origin: United States (100%)

Manufacture Date: Oct 2018

Expiration Date: Oct 2022

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Albumin		Test and Report	2.7 g/dL
ALT (SGPT)		Test and Report	8 U/L
AST (SGOT)		Test and Report	58 U/L
Bilirubin, Total		Test and Report	0.2 mg/dL
BUN		Test and Report	9 mg/dL
Calcium		Test and Report	2.23 mM
Chloride		Test and Report	87 mM
Cholesterol		Test and Report	93 mg/dL
Cortisol		Test and Report	50.8 nM
Creatinine		Test and Report	0.9 mg/dL
Estradiol		Test and Report	206 pM
Glucose		Test and Report	4.38 mM
Insulin		Test and Report	55.1 pM
Iron, Serum		Test and Report	562 µg/dL
Phosphorus		Test and Report	2.84 mM
Potassium		Test and Report	8.7 mM
Progesterone		Test and Report	<0.19 nM
Protein, Total	Biuret	2.5-6.0 g/dL	5.5 g/dL
Sodium		Test and Report	123 mM
Testosterone		Test and Report	0.01 nM
T3		Test and Report	2.06 nM
T4		Test and Report	70.9 nM
Triglycerides		Test and Report	34 mg/dL
Tetracycline		Test and Report	11.92 ng/mL
Uric Acid		Test and Report	1.9 mg/dL

For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use. Results shown were obtained by carefully performed methods believed to be reliable. However, since some results may vary by methodology, it is suggested that tests for which results are particularly critical be repeated by the end user. Our bovine serum meets all USDA requirements and has passed ante- and post-mortem inspection by a licensed veterinarian. It is collected in countries recognized as being free of foot-and-mouth disease and rinderpest. The origin of all bovine serum is traceable by lot number, date and country of collection. Our donor horse serum was collected from animals quarantined at a United States Department of Agriculture registered facility within the United States. Precipitates may develop in this product upon freezing and/or thawing; this occurrence does not impact culture performance.

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 Verified by/ date



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<i>TEST</i>	<i>METHODOLOGY</i>	<i>SPECIFICATION</i>	<i>RESULTS</i>
Biological Testing			
Endotoxin	USP<85>	Test and Report	9.62 EU/mL
Hemoglobin	Fleming, AF and Woolf, AJ (1965)	Test and Report	6.7 mg/dL
Microbiological Testing			
Sterility	USP<71>		
Bacteria		Not Detected	Not Detected
Fungi		Not Detected	Not Detected
Mycoplasma	Barile, MF and Kern, J (1971)	Not Detected	Not Detected
Viral Testing			
	9 CFR 113.53c [113.46, 113.47]		
Cytopathic Agents		Not Detected	Not Detected
Hemadsorbing Agents		Not Detected	Not Detected
Extraneous Viruses (FAB)			
Bluetongue Virus		Not Detected	Not Detected
Bovine Adenovirus		Not Detected	Not Detected
Bovine Parvovirus		Not Detected	Not Detected
Bovine Viral Diarrhea		Tested	Not Detected
Bovine Syncytial Virus		Not Detected	Not Detected
Bovine Rabies Virus		Not Detected	Not Detected
Reovirus		Not Detected	Not Detected
Physical Testing			
Electrophoretic Pattern	Cellulose Acetate	Normal	Normal
Osmolality	USP<785>	Report	292 mOsm/kg
pH @ RT	USP<791>	Report	7.33