

## Available / Standard Product Testing

Test	Method	Test Available	Foetal Bovine Serum - Sterile Filtered	Foetal Bovine Serum - Pharmaceutical Grade	New Born Calf Serum - Sterile Filtered	New Born Calf Serum - Pharmaceutical Grade	Adult Bovine Serum	Adult Bovine Serum - Sterile Filtered	Adult Bovine Serum - Pharmaceutical Grade	Adult Bovine Plasma
GENERAL										
Appearance	Visual Inspection	1	1	1	1	1	1	1	1	1
рН	pH meter	1	1	1	1	1	1	1	1	1
Osmolality	Freezing point	1	1	1	1	1	1	1	1	1
Hemoglobin	Spectrophotometry	1	1	1	1	1	1	1	1	1
Total IgG	ELISA	1	1	1	1	1	-	1	1	-
Total Protein	Biuret method	1	1	1	1	1	-	1	1	-
Endotoxin	LAL	1	1	1	1	1	-	1	1	1
Sterility	Cell Culture	1	1	✓	1	1	-	1	1	-
Bacteria	Cell Culture	1	1	1	1	1	-	1	1	-
Fungi	Cell Culture	1	1	1	1	1	-	1	1	-
Mycoplasma	Cell Culture	1	1	1	1	1	-	1	1	-
Total Aerobic Count	Plate Count	1	-	-	-	-	-	-	-	1
Dry Matter	Calculation	1	-	-	-	-	-	-	-	-
Conductivity	Multimeter		-	-	-	-	-	-	-	-
Brix	Refractometry	1	-	-	-	-	-	-	-	-
Total Nitrogen	LECO	1	-	-	-	-	-	-	-	-
ANTIBODY TESTING										
Akabane Virus	ELISA	1								
Bluetongue Virus	ELISA	1	-	-	-	-	-	-	-	-
Bovine Herpesvirus	Virus Neutralisation	1	-	_	-	-	_	-	-	-
Bovine Viral Diarrhoea Virus	Virus Neutralisation	1	-		-	-	-	-	-	-
Enzootic Bovine Leukosis Virus	ELISA	1	_		_	_	_	_	_	_
Parainfluenza 3 Virus	ELISA	1	_		-			_	-	-
		•								
ELECTROPHORESIS										
Albumin	Agarose Gel Plate	1	1	✓	1	1	-	1	1	-
Alpha 1 globulin	Agarose Gel Plate	1	1	✓	1	1	-	1	1	-
Alpha 2 globulin	Agarose Gel Plate	1	1	✓	1	1	-	1	1	-
Beta globulin	Agarose Gel Plate	1	1	✓	1	1	-	1	1	-
Gamma globulin	Agarose Gel Plate	1	1	✓	1	1	-	1	1	-
Electropherisis pattern		1	1	1	1	1	-	1	1	-
GROWTH PROMOTION										
CHO-K1 ATCC	Cell count, Microscopy	/								
Hybridoma	Cell count, Microscopy		-	-	-	-	-	-	-	-
MDBK	Cell count, Microscopy		-	-	-	-	-	-	-	-
MRC5	Cell count, Microscopy		-	-	-	-	-	-	-	-
Vero			-	-	-	-	-	-	-	-
VEID	Cell count, Microscopy	1	-	-	-	-	-	-	-	-

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Test	Method	Test Available	Foetal Bovine Serum - Sterile Filtered	Foetal Bovine Serum - Pharmaceutical Grade	New Born Calf Serum - Sterile Filtered	New Born Calf Serum - Pharmaceutical Grade	Adult Bovine Serum	Adult Bovine Serum - Sterile Filtered	Adult Bovine Serum - Pharmaceutical Grade	Adult Bovine Plasma
BIOCHEMISTRY		_								
Alkaline Phosphatase (ALP)	Spectrophotometry	<i>_</i>	<i>.</i>		1		-	1		-
Anion gap	Calculated	<i>✓</i>	<i>.</i>		1		-	1		-
Aspartate Aminotransferase (AST)	Spectrophotometry	<i>_</i>	<i>.</i>				-	1		-
Beta Hydroxybutyrate (BHB)	Spectrophotometry	1	~		1	<b>v</b>	-	~	1	-
Bicarbonate	Monometric	<i>_</i>			1		-			-
Bilirubin (total)	Spectrophotometry	<i>_</i>			1		-			-
Calcium	Spectrophotometry	1	1	$\checkmark$	1	1	-	1	1	-
Chloride	Spectrophotometry	1	1	1	1	1	-	1	1	-
Cholesterol	Spectrophotometry	✓	✓	1	1	1	-	1	1	-
Creatinine	Spectrophotometry	✓	✓	1	1	1	-	1	1	-
Creatinine Phosphokinase (CK)	Spectrophotometry	1	1	1	1	1	-	1	1	-
Gamma Glutamyltransferase (GGT)	Spectrophotometry	1	1	1	1	1	-	1	1	-
Glutamate Dehydrogenase (GLDH)	Spectrophotometry	1	1	1	1	1	-	1	1	-
Magnesium	Spectrophotometry	1	1	1	1	1	-	1	1	-
Phosphate	Spectrophotometry	1	1	1	1	1	-	1	1	-
Potassium	Spectrophotometry	1	1	1	1	1	-	1	1	-
Sodium	Spectrophotometry	1	1	1	1	1	-	1	1	-
Urea	Spectrophotometry	1	1	1	1	1	-	1	1	-
VIRUS TESTING	Fluorescent Antibody									
Bluetongue virus	(9 CFR 113.47)	1	-	1	-	1	-	-	1	-
Bovine Adenovirus	Fluorescent Antibody (9 CFR 113.47)	1	-	1	-	1	-	-	1	-
Bovine Parvovirus	Fluorescent Antibody (9 CFR 113.47)	1	-	1	-	1	-	-	1	-
Bovine Respiratory Syncytial virus	Fluorescent Antibody (9 CFR 113.47)	1	-	1	-	1	-	-	1	-
Bovine Viral Diarrhoea Virus	Fluorescent Antibody (9 CFR 113.47)	1	-	1	-	1	-	-	1	-
RabiesVirus	Fluorescent Antibody (9 CFR 113.47)	1	-	1	-	1	-	-	1	-
Reovirus	Fluorescent Antibody (9 CFR 113.47)	1	-	1	-	1	-	-	1	-
Bovine Polyomavirus	Fluorescent Antibody (9 CFR 113.47)	1	-	-	-	-	-	-	-	-
Bluetongue Virus	Virus Isolation	1	-	-	-	-	-	-	-	-
Bovine Viral Diarrhoea Virus	Virus Isolation	1	1	1	1	1	-	1	1	-
Bovine herpesvirus 1	Virus Isolation	1	1	1	1	1	-	1	1	-
Parainfluenza 3 Virus	Virus Isolation	1	1	1	1	1	-	1	1	-