

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