

Certificate of Analysis

Product	Fetal Bovine Serum IgG Stripped Collected in South America, sterile-filtered		
Cat. No.	AB-FBS-IG-0500, AB-FBS-IG-1050, AB-FBS-IG-0050		
Lot. No.	AB20214158	Expiry Date	01/2024
Origin	South America	Manufacturing Date	01/2019
		Storage	≤-15°C

Quality Profile	Specification	Result	Unit
Appearance	Clear amber	Pass	
pH	6.8 – 8.2	7.46	
Osmolality ⁽¹⁾	280 – 340	320	mOsm/kg
Endotoxin ⁽²⁾	As reported	1.8	EU/ml
Hemoglobin	≤ 25	5.54	mg/dl
Glucose	As reported	2.12	mM
Calcium	As reported	3.07	mM
Phosphorous	As reported	2.53	mM
GOT/AST	As reported	38	U/l

Protein Profile			
Total Protein ⁽³⁾	3.0 – 4.5	3.3	g/dl
Albumin ⁽⁴⁾	As reported	2.0	g/dl
IgG	≤ 5.0	0.14	µg/ml

Sterility Testing			
Bacteria and Fungi	Not detected	Not detected	
Mycoplasma ⁽⁵⁾	Not detected	Not detected	

Virus Testing ⁽⁶⁾			
Bovine Herpes Virus (BHV-1 and BHV-5)	Not detected	Not detected	
Pestivirus (e.g. BVD-V)	Not detected	Not detected	
Parainfluenza Virus Type 3 (PI-3)	Not detected	Not detected	

Biological Performance			
Cell Growth 929 (Murine Fibroblast Cell Line) ⁽⁷⁾	≥ 75.0	100.0	%
Cell Growth HELA (Human Epithelial Cell Line) ⁽⁷⁾	≥ 75.0	100.0	%

References/Methods

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| (1) Freeze Point Depression | (5) Cell Culture |
| (2) Chromokinetic Test | (6) Cytopathic Effect in Cell Culture and ELISA |
| (3) Biuret Colorimetry | (7) Growth Promoting Assay |
| (4) Immunoturbidimetry | |

Intended Use For research use only.

Date April 21, 2021

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