

Certificate of Analysis (Special)

Product	Fetal Bovine Serum IgG , sterile-filtered		
Cat. No.	AB-FBS-IG-0500 , AB-FBS-IG-1050		
Lot. No.	AB20214417	Storage	≤ -15°C
Manufacturing Date	2021.09	Expiry Date	2026.09

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 GrowthHELA (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.

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