

FBS Selection Guide

	Premium Select	Optima	Premium
Description	<ul style="list-style-type: none"> • Highest quality FBS • Meets requirements for hormone profile or other special component testing • Comprehensively tested for performance and quality assurance 	<ul style="list-style-type: none"> • High quality FBS • Frequently used when extensive component testing is required • Comprehensively tested for performance and quality assurance 	<ul style="list-style-type: none"> • High quality FBS • Most widely used for a variety of cell culture applications • Comprehensively tested for performance and quality assurance
Purification	Triple 0.1µm filtered	Triple 0.1µm filtered	Triple 0.1µm filtered
Heat Inactivated Available	✓	✓	✓
Gamma Irradiated Available	✓	✓	✓
Sterility Testing (Bacteria & Fungi)	✓	✓	✓
Mycoplasma Testing <i>Large Volume, Direct Culture</i>	✓	✓	✓
Mycoplasma Supplemental Testing <i>DNA Fluorochrome Stain</i>	✓	✓	✓
Performance Testing	✓	✓	✓
Endotoxin (EU/mL)	✓ (≤ 15 EU/mL)	✓ (≤ 20 EU/mL)	✓ (≤ 50 EU/mL)
Hemoglobin (mg/dL)	✓ (≤ 15 mg/dL)	✓ (≤ 25 mg/dL)	✓ (≤ 25 mg/dL)
Total Protein	✓	✓	✓
IgG	✓	✓	✓
pH	✓	✓	✓
Osmolality	✓	✓	✓
Supplemental Biochemical Assay	✓	✓	✓
Hormone Profile	✓		
Virus Test Panel	✓ (extended)	✓ (extended)	✓
Cytopathogenic Agents	✓	✓	✓
Hemadsorbing Agents	✓	✓	✓
Bovine Viral Diarrhea Virus (BVDV)	✓	✓	✓
Bluetongue Virus (BTV)	✓	✓	✓
Bovine Parvovirus (BPV)	✓	✓	
Bovine Respiratory Syncytial Virus (BRSV)	✓	✓	
Bovine Adeno 1 Virus	✓	✓	
Bovine Adeno 5 Virus	✓	✓	
Rabies Virus	✓	✓	
Reovirus	✓	✓	
Lot Origin	USDA-approved	US Origin FBS, USDA-Aphis certified	USDA-approved
Price Structure	\$\$\$	\$\$\$\$	\$\$

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