

SELECTION TOOL
FETAL BOVINE SERUM
Comparative Data Chart

	Premium Select S11550, S11510, S11595 S11550H, S11510H, S11595H	Optima S12450, S12410, S12495 S12450H, S12410H, S12495H	Premium S11150, S11110, S11195 S11150H, S11110H, S11195H	Advantage S11050, S11010, S11095 S11050H, S11010H, S11095H
Description	highest quality FBS product meets requirements for hormone profile or other special component testing comprehensively tested for performance and quality assurance	high quality FBS product frequently used when extensive component testing is required comprehensively tested for performance and quality assurance	high quality FBS product most widely used for a variety of cell culture applications comprehensively tested for performance and quality assurance	high quality FBS product suitable when special component testing is not required comprehensively tested for performance and quality assurance
Sterility Testing (Bacteria & Fungi)	√ (not detected)	√ (not detected)	√ (not detected)	√ (not detected)
Mycoplasma Testing Large Volume, Direct Culture	√ (not detected)	√ (not detected)	√ (not detected)	√ (not detected)
Mycoplasma Supplemental Testing Hoechst DNA Stain	√ (not detected)	√ (not detected)	√ (not detected)	√ (not detected)
Performance Testing	√ (pass)	√ (pass)	√ (pass)	√ (pass)
Endotoxin EU/ml	√ (m15 EU/ml)	√ (m20 EU/ml)	√ (m50 EU/ml)	√ (tested)
Hemoglobin mg/dl	√ (m15 mg/dl)	√ (m25 mg/dl)	√ (m25 mg/dl)	√ (tested)
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)	√	√		
Respiratory Syncytial Virus (RSV)	√	√		
Bovine Adeno 3 Virus	√	√		
Bovine Adeno 5 Virus	√	√		
Rabies Virus	√	√		
Reovirus	√	√		
Filtration	triple 0.1 μm	triple 0.1 μm	triple 0.1 μm	triple 0.1 μm
Lot Origin	USA or USDA-approved	USA	USA or USDA-approved	USA or USDA-approved
Price Structure	\$\$\$\$	\$\$\$	\$\$	\$