

Specifications of our media & reagents

Component		Serum-free (SF)	Chemically defined (CD)	"Defined" formulation	Animal-component free (ACF)	Defined and animal-component free (D-ACF)	Xeno-free (XF)	Protein-free (PF)
Human Serum / Plasma	Proteins	-	-	-	-	-	✓	-
Serum from other animals (e.g. FCS, horse serum)		-	-	-	-	-	-	-
Human-origin protein preparations (e.g. extracts, purifications)		✓	-	-	-	-	✓	-
Protein preparations from other animals (extracts, purifications)		✓	-	-	-	-	-	-
Non-animal-derived (bacteria, yeast, plant or mold) protein preparations (e.g. extracts, purifications)		✓	-	-	✓	-	✓	-
Human-derived recombinant proteins (i.e. from human cell lines)		✓	-	✓	-	-	✓	-
Recombinant proteins from other animals (e.g. insect cells or non-human mammalian cell lines)		✓	-	✓	-	-	-	-
Non-animal-derived recombinant proteins (e.g. from bacteria, yeast, plants, molds)		✓	-	✓	✓	✓	✓	-
Human origin peptides	Peptides (<50 AA)	✓	-	-	-	-	✓	✓
Peptides derived from other animals		✓	-	-	-	-	-	✓
Non-animal-derived peptides (bacteria, yeast, plant or mold)		✓	-	-	✓	-	✓	✓
Human origin recombinant peptides (i.e. from human cell lines)		✓	-	✓	-	-	✓	✓
Recombinant peptides derived from other animals (e.g. insect cells or non-human mammalian cell lines)		✓	-	✓	-	-	-	✓
Non-animal-derived recombinant peptides (e.g. from bacteria, yeast, plant or mold)		✓	-	✓	✓	✓	✓	✓
Non-animal-derived (bacteria, yeast, plant or mold) hydrolysates /extracts / fermentation products (e.g. soy lipids)	Non-protein supplements of non-defined composition	✓	-	-	✓	-	✓	✓
Human-origin components (e.g. cholesterol; purified)	Non-protein supplements of defined composition	✓	-	✓	-	-	✓	✓
Components (e.g. fatty acids) derived from other animals (purified)		✓	-	✓	-	-	-	✓
Non-animal derived components (e.g. fatty acids from plant; purified)		✓	✓	✓	✓	✓	✓	✓
Non-animal-derived (bacteria, yeast, or mold) fermentation products (e.g. amino acids)		✓	✓	✓	✓	✓	✓	✓
Semi-synthetic molecules produced from non-animal origin raw material (e.g. methylcellulose, Tween plant-material derived)	Diverse components of defined composition	✓	-	✓	✓	✓	✓	✓
Synthetic molecules (e.g. steroids, peptides, small molecules)		✓	✓	✓	✓	✓	✓	✓
Inorganic components (e.g. inorganic salts)		✓	✓	✓	✓	✓	✓	✓