

This section is extremely important for Bio-Pharmaceutical producers such as Vaccines, Recombinant Proteins / Antibodies or any other Bio-Processed products, to help meet their Q.C. needs to detect any contamination so as to evaluate the purity of their products.

This Section also provides information for removal of contamination.

### Bioprocess Contamination Detection and Removal Kits

Carrier Proteins (Anti-BSA, GST, KLH, Protein A & G etc) <b>Antigen/Antibody Detection/removal Kits</b>			
Protein	Cat#	Description	Comments
<b>BSA detection</b> (bovine serum albumin)	8000	Bovine Albumin (BSA) ELISA Kit, 96 tests, Stds=0.15-40 ug/ml ; Sample=100 ul; Sensitivity= 100 ng/ml; 75 min assay; Quantitative, Competitive assay	For samples with <b>high concentration</b> such as serum
	8100	Bovine Albumin (BSA) ELISA Kit, 96 tests, Quantitative (for measuring residual BSA in protein/antibody samples not recommended for measuring BSA in serum)	For samples with <b>Low concn</b> ( vaccines, recombinant products or culture media
Bovine Serum Albumin <b>(BSA) removal</b>	700-1250-10 <b>New</b>	Albumin-X, Albumin (multiple species) removal kit (sufficient to remove 6-10 mg albumin or process ~200-300 ul serum; 10 mini-columns ~1.25 ml resin)	Dye based resin <b>to remove or purify albumins</b>
	800-200-BSA <b>New</b>	Albumin (Human, Mouse, rat, bovine and others) removal kit (sufficient to remove 20-40 mg BSA from Bio-processed material), 2 ml aff column	Dye based resin <b>to remove albumins</b>
	BSA11-AS	Anti-Bovine Serum albumin (BSA) IgG-agarose (aff matrix)	Antibody-resin <b>to remove or purify BSA (not other albumins)</b>
Albumin or <b>BSA Removal</b> (purification)	700-1250-10 <b>New</b>	Albumin-X, Albumin (multiple species) removal kit (sufficient to remove 6-10 mg albumin or process ~200-300 ul serum; 10 mini-columns ~1.25 ml resin)	Dye based resin <b>to remove or purify albumins</b>
	800-200-BSA <b>New</b>	Albumin (Human, Mouse, rat, bovine and others) removal kit (sufficient to remove 20-40 mg BSA from Bio-processed material), 2 ml aff column	Dye based resin <b>to remove or purify albumins</b>
	BSA11-AS <b>New</b>	Rabbit Anti-Bovine Serum albumin (BSA)-agarose (aff matrix)	Antibody-resin <b>to remove or purify BSA (not other albumins)</b>

## Bioprocess Contamination Detection and Removal Kits

Carrier Proteins (Anti-BSA, GST, KLH, Protein A & G etc) <span style="color: red; font-weight: bold;">Antigen/Antibody Detection/removal Kits</span>			
Protein	Cat#	Description	Comments
<b>HSA detection</b> (Human serum albumin)	1190	Human Serum Albumin ELISA Kit, 96 tests, Quantitative Stds=10-200 ng/ml ; Sample=100 ul (diluted); Sensitivity= 5 ng/ml; 105 min assay; Quantitative; Sandwich; 96 tests	For samples with <b>Low concn</b> ( vaccines, recombinant products or culture media
	1200	Human Albumin ELISA Kit, 96 tests, Quantitative =0-100 ug/ml ; =25 ul; Sensitivity= 1 ug/ml; 40 min assay; Quantitative, Competitive assay	For samples with <b>high concn</b> such as urine or serum
<b>Bovine Serum Albumin Anti-(BSA) detection</b>	710-100-BSG	Goat Anti-BSA Ig's ELISA Kit, 96 tests	Detects and measure anti-BSA Ig's in Goat serum
	710-110-BSR	Rabbit Anti-BSA Ig's ELISA Kit, 96 tests	Detects and measure anti-BSA Ig's in Rabbit serum
	710-120-BSC	Chicken Anti-BSA Ig's ELISA Kit, 96 tests	Detects and measure anti-BSA Ig's in Chicken serum
	710-130-BSM	Mouse Anti-BSA Ig's ELISA Kit, 96 tests	Detects and measure anti-BSA Ig's in Mouse serum
	710-140-BSH <span style="color: red; font-weight: bold;">New</span>	<b>Human</b> Anti-BSA Ig's ELISA Kit, 96 tests	Detects and measure anti-BSA Ig's in Human serum
	710-101 <span style="color: red; font-weight: bold;">New</span>	Bovine serum albumin (BSA) coated ELISA plate (96 wells) 5 plates/pk	For the detection of anti-BSA
<b>Bovine Lactoferrin</b>	8090 <span style="color: red; font-weight: bold;">New</span>	Bovine Lactoferrin ELISA Kit, 96 tests, Quantitative Stds=10-160 ng/ml ; Sample=100 ul; Sensitivity= 5 ng/ml; 105 min assay; Quantitative, Sandwich, 96 tests	For Low concn of samples such vaccines or recombinant proteins
<b>Keyhole Limpet hemocyanin Anti-(KLH) detection</b>	700-100-KLG	Goat Anti-KLH Ig's ELISA Kit, 96 tests	Detects and measure anti-KLH Ig's in Goat serum
	700-110-KLR	Rabbit Anti-KLH Ig's ELISA Kit, 96 tests	Detects and measure anti-KLH Ig's in Rabbit serum
	700-120-KLC	Chicken Anti-KLH Ig's ELISA Kit, 96 tests	Detects and measure anti-BSA Ig's in chicken serum
	700-130-KLM <span style="color: red; font-weight: bold;">New</span>	Mouse Anti-KLH Ig's ELISA Kit, 96 tests	Detects and measure anti-KLH Ig's in Mouse serum
	700-140-KLH <span style="color: red; font-weight: bold;">New</span>	<b>Human</b> Anti-KLH Ig's ELISA Kit, 96 tests	Detects and measure anti-KLH Ig's in Human serum
	700-101	Keyhole Limpet Hemocyanin (KLH) coated ELISA plates, 5	For detection of anti-KLH antibodies
<b>Immucothel*, Vacmune* anti-(KLH) Clinical Grade</b>	700-150-VAM <span style="color: red; font-weight: bold;">New</span>	Mouse Anti- Vacmune/Immucothel (KLH) Ig's ELISA Kit, 96 tests	Detects and measure anti-vacmune (KLH) Ig's in Mouse serum
<b>anti-(KLH) antibody removal</b>	700-160-VAH <span style="color: red; font-weight: bold;">New</span>	Human Anti- Vacmune*/Immucothel* (KLH) Ig's ELISA Kit, 96 tests **Trademarks of Biosyn Corp	Detects and measure anti-vacmune (KLH) Ig's in Human serum
<b>anti-(KLH) antibody removal</b>	KLH11-G	Keyhole Limpet Hemocyanin (KLH)-Sepharose affinity gel for removing KLH antibodies	Remove anti-KLH Ig's from various antisera
<b>Anti-Glutathione Transferase (GST) fusion protein detection</b>	720-100-GSG	Goat Anti-GST Ig's ELISA Kit, 96 tests	measure anti-GST in goat serum
	720-110-GSR	Rabbit Anti-GST Ig's ELISA Kit, 96 tests	measure anti- GST in rabbit serum
	720-120-GSC	Chicken Anti-GST Ig's ELISA Kit, 96 tests	Detects and measure anti-GST Ig's in chicken serum
<b>Anti-GST IgG Removal</b>	GST15R-AS	Glutathione Transferase (GST) Protein-Agarose (Aff matrix)	remove anti-GST IgG from animal antisera
<b>GST measurement</b>	800-100-GST	Glutathione Transferase (GST-fusion protein) ELISA Kit, 96 tests, Quantitative	Detect and measure GST or GST-fusion proteins in recombinant cells
<b>GST fusion protein (purification)</b>	GST13-AS	Goat Anti-Glutathione Transferase (GST, S. japonicum) IgG-Agarose (Aff matrix)	Antibody-resin <b>to remove or purify GST or GST-fusion proteins</b>
<b>Anti-Ovalbumin Ig's detection</b>	600-100-OGG	Mouse Anti-Ovalbumin Ig's ELISA Kit, 96 tests, Quantitative	Detects and measure anti-ovalbumin Ig's in mouse serum
	610-100-OGG	Rat Anti-Ovalbumin Ig's ELISA Kit, 96 tests, Quantitative	Detects and measure anti-ovalbumin Ig's in rat serum
	620-100-OGG <span style="color: red; font-weight: bold;">New</span>	Rabbit Anti-Ovalbumin Ig's ELISA Kit, 96 tests, Quantitative	Detects and measure anti-ovalbumin Ig's in rabbit serum

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Anti-ovalbumin removal	OVA15-AS	Egg Ovalbumin-agarose (aff matrix)	to remove anti-ovalbumin IgG from animal antisera
Ovalbumin detection	6050 <b>New</b>	Chicken Egg Ovalbumin ELISA Kit, 96 tests, 0-4000 pg/ml ; 100 ul; 100 pg/ml; 105 min assay; Quantitative; sandwich assay; 96 tests	For Low concn of samples such vaccines or recombinant proteins
Ovalbumin Removal	OVA11-AS <b>New</b>	Rabbit Anti-chicken egg ovalbumin IgG-Agarose	Antibody-resin to remove or purify ovalbumin proteins
Anti-E. coli Protein's antibody detection	500-100-ECP <b>New</b>	Mouse Anti-E. coli proteins Ig's ELISA Kit, 96 tests	Detects E. coli (5 strains) antibodies in mouse serum
	500-120-ECP <b>New</b>	Rabbit Anti-E. coli proteins Ig's ELISA Kit, 96 tests	Detects E. coli (5 strains) antibodies in rabbit serum
Anti-E. coli IgG Removal	EC11-G	E. Coli Proteins (5 strains)-Agarose affinity gel	for removing E. coli antibodies from animal sera
E. Coli Proteins removal	EC12-AS	Rabbit Anti-E. coli proteins (5 strains) IgG-Agarose affinity gel	for removing E. coli proteins in recombinant proteins
E. Coli (HCP)	800-130-ECP <b>New</b>	<b>E Coli</b> proteins (5 strains) ELISA kit, 96 tests.	For the measurement of E. coli proteins in recombinant materials
Host Cell Proteins (HCP) contamination detection	800-110-PRA <b>New</b>	<b>Protein-A</b> ELISA Kit, 96 tests, Quantitative	Detects Protein A with or without IgG in samples
	800-120-PRG <b>New</b>	<b>Protein-G</b> ELISA Kit, 96 tests, Quantitative	Detects Protein G with or without IgG in samples
	800-140-CHO <b>New</b>	Chinese Hamster Ovary Cell ( <b>CHO</b> ) Proteins (culture medium) ELISA Kit, 96 tests, Quantitative	Please call for details
	800-150-SP2 <b>New</b>	SP20 Mouse Myeloma Cells ( <b>SP20</b> ) Proteins (culture medium) ELISA Kit, 96 tests, Quantitative	Please call for details
	800-160-VRO <b>New</b>	Monkey Kidney Epithelial cells ( <b>VERO</b> ) Proteins ELISA Kit, 96 tests, Quantitative	Please call for details
Bovine Fetuin antibody detection	800-170-BFR <b>New</b>	Rabbit anti-Bovine fetuin Ig's ELISA kit	Please call for details
	800-180-BFM <b>New</b>	Mouse anti-Bovine fetuin Ig's ELISA kit	Please call for details
Bovine Fetuin IgG removal	FETB11-AS	Rabbit Anti-Bovine Fetuin B IgG-Agarose (aff matrix)	for removing bovine Fetuin
Mouse Brain Protein	800-190-MBN <b>New</b>	Mouse Brain proteins (total) ELISA kit, 96 tests	Measure brain protein content in vaccines
Chicken egg host cell proteins (Allantoic Fluid)	810-100-CAF <b>New</b>	Chicken Allantoic Fluid host cell protein's ELISA kits	Measure Allantoic fluid protein content in vaccines