

KRISHGEN BioSystems

Products Available

***E.coli* HCP ELISA**

***P.pastoris* HCP ELISA**

CHO HCP ELISA

SP 2/0 HCP ELISA

Protein A ELISA

Ovalbumin ELISA

IgG ELISA

IgA ELISA

Human Serum Albumin ELISA

Bovine Serum Albumin ELISA

Host cell protein populations are measured using multianalyte enzyme-linked immunosorbent assays (ELISAs) with polyclonal antibodies. The HCP values are expressed in units of ng/mL (ng HCP). These values reflect the degree of specific immunoreactivity because they are a measure of the epitope population in a representative sample.

HOST CELL PROTEIN DETECTION ASSAYS THAT WORK FOR YOU

Enzyme-linked immunosorbent assays (ELISAs) have historically been among the most effective and widely adopted assays for use in detection and quantification of low analyte concentrations. The technology is selective, sensitive and versatile.

KRISHGEN has developed ELISA kits for HCP detection for use in biologics manufacturing offering high sensitivity and specificity with very competitive prices.

This offers advantages to biosimilar manufacturers under pressure to compete on costs.

These kits are comparable to alternate products commercially available in the market .

High sensitivity, specificity with linearity and high recoveries are the hall mark of these assay kits.

Gold Quality Ring



KRISHGEN assay kits are certified by our Gold Quality Ring. These assay kits are well validated for immunoassay parameters.



A Dun & Bradstreet Certified Company

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Protein A ELISA

Range : 0 ng/ml - 8 ng/ml

Sensitivity : LOD - 88 pg/well

Precision :

Intra Assay - 5.05 %

Inter Assay - 4.86 %

Ovalbumin ELISA

Range : 0 ng/ml - 20 ng/ml

Sensitivity : 0.3 ng/ml

Precision :

Intra Assay - 7.6 %

Inter Assay - 8.43 %

IgG ELISA

Range : 0 ng/ml - 250 ng/ml

Sensitivity : LOD - 2.5 ng/ml

Precision :

Intra Assay - 6.0 %

Inter Assay - 5.7 %

E.coli HCP ELISA

Range : 0 ng/ml - 100 ng/ml

Sensitivity : LOD - 5 ng/well

Precision :

Intra Assay - 3.84 %

Inter Assay - 7.48 %

CHO HCP ELISA

Range : 0 ng/ml - 250 ng/ml

Sensitivity : LOD - 0.6 ng/ml

Precision :

Intra Assay - 9.03 %

Inter Assay - 4.76 %

IgA ELISA

Range : 0 ng/ml - 128 ng/ml

Sensitivity : LOD - 2 ng/ml

Precision :

Intra Assay - 8.51 %

Inter Assay - 3.63 %

P.pastoris HCP ELISA

Range : 0 ng/ml - 1000 ng/ml

Sensitivity : LOD - 25 ng/ml

Precision :

Intra Assay - 7.6 %

Inter Assay - 3.4 %

SP 2/0 HCP ELISA

Range : 0 ng/ml - 200 ng/ml

Sensitivity : 3 ng/ml

Precision :

Intra Assay - 3.6 %

Inter Assay - 10.05 %

Human Serum Albumin ELISA

Range : 0 ng/ml—20 ng/ml

Sensitivity : 0.3 ng/ml

Precision :

Intra Assay - 4.4 %

Inter Assay - 7.8 %