

amsbio

Host Cell Protein Detection

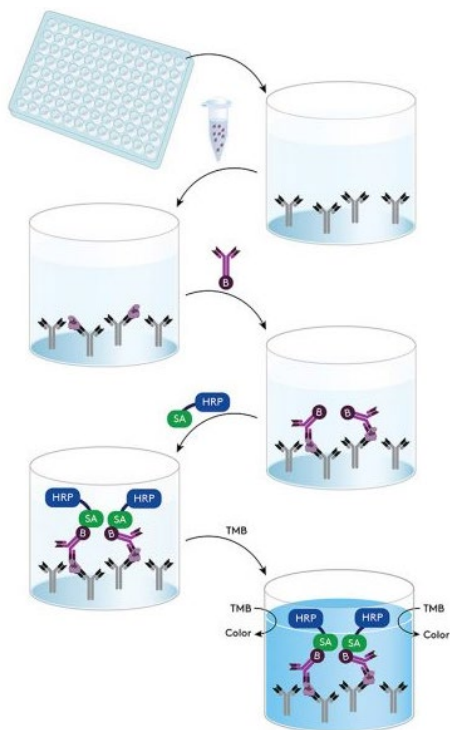
SENSITIVE AND SIMPLE ELISA KITS



CHECK YOUR
THERAPEUTICS
& BIOLOGICS
FOR HCPs

CHO
E. coli
Pichia
HEK293
Protein A

- Detect and quantify HCP concentrations at any point in your purification process
- ELISA-based: quick, familiar format with high sensitivity
- HCP Kits for multiple gene expression systems, including CHO, E. coli, Pichia, HEK293, and Protein A
- 96-well plate coated with capture antibody
- HCP standards, reporting antibody, streptavidin-HRP conjugate, TMB substrate, buffers included



Assay Principle: The HCP detection kits are based off of “sandwich” ELISA methods. HCP antibodies are immobilized to 96 well plates. Samples are added, and HCPs are bound by the antibodies. Biotinylated HCP antibody is then added, followed by streptavidin-HRP, which binds to biotin. TMB substrate is then added, and HRP catalyzes the conversion of TMB to a colored product. The reaction is then stopped and read on a standard colorimetric plate reader.

Description	Pack Size	Catalogue No.
CHO Host Cell Protein ELISA Kit	1 kit	HCP001
CHO Host Cell Protein Select ELISA Kit	1 kit	HCP101
E. Coli Host Cell Protein ELISA Kit	1 kit	HCP002
E. Coli Host Cell Protein Select ELISA Kit	1 kit	HCP102
Pichia Host Cell Protein ELISA Kit	1 kit	HCP003
Residual Protein A Host Cell Protein ELISA Kit	1 kit	HCP004
HEK293T Host Cell Protein ELISA Kit	1 kit	HCP020