

Trypsin ELISA Kit

Recombinant Trypsin is frequently used in biopharmaceutical manufacturing-during cell preparation or for the modification and activation of products. Trypsin poses safety risks and must therefore be removed before final product release.

Trypsin ELISA Kit is an Enzyme-Linked Immunosorbent Assay (ELISA) for the quantitative measurement of residual Trypsin in cell culture supernatant and other biological process when Trypsin is used. The plate has been pre-coated with Porcine Trypsin antibody. Trypsin present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Porcine trypsin antibody is added and binds to trypsin in the sample. After washing, HRP-Streptavidin is added and binds to the Biotinylated trypsin antibody. After incubation unbound HRP-Streptavidin is washed away. Then TMB substrate solution is added and catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of trypsin sample captured in plate. The absorbance is measured at 450 nm.

Catalog No.	200032
Size	96 Well Stips
Product Category	Bioprocess Assay
Application	Quantitative detection of residual Trypsin
Kit Components	1. Pre-coated ELISA microplate: 8 x 12 wells; 2. Biotinylated Antibody [100x]: 120uL; 3. HRP-streptavidin [100x]: 120uL; 4. Dilution buffer: 45mL; 5. TMB substrate: 12mL; 6. Stop solution: 6mL; 7. Wash buffer [20x]: 35mL; 8. Standard 100ng/uL]: 05mL; 9. Microplate sealers
Shipping	Gel Packs
Storage/Stability	-20°C / 1 year

