

dsRNA (double-stranded RNA) ELISA Kit

This kit is an Enzyme-Linked Immunosorbent Assay (ELISA) coupling with biotin-Streptavidin system, for quantitative measurement of dsRNA with length above 60 base pairs (bp), regardless of the sequence. The plate has been pre-coated with anti-dsRNA antibody. dsRNA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated anti-dsRNA antibody is added and binds to dsRNA in the sample. After washing, HRP-Streptavidin is added and binds to the Biotinylated anti-dsRNA 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 dsRNA captured in plate. The absorbance is measured at 450nm

Catalog No.	200031
Size	96 Well Stips
Product Category	Bioprocess Assay
Application	Quantitative detection of residual dsRNA
Kit Components	1. Pre-coated ELISA microplate: 8 x 12 wells; 2. Biotinylated Antibody [100x]: 120uL; 3. HRP-streptavidin [100x]: 120uL; 4. Dilution buffer: 30mL; 5. TMB substrate: 12mL; 6. Stop solution: 6mL; 7. Wash buffer [20x]: 40mL; 8. UTP standard [5ng/uL]: 15uL; 9. pUTP standard [5ng/uL]: 15uL; 10. Microplate sealers
Shipping	Gel Packs
Storage/Stability	-20°C / 1 year