

SiRNA rBinder (SiRNA Recombinant Binding Protein, Lyophilized, 200 ug)

Ivy Fine Chemicals, Catalog No. **P0012.**

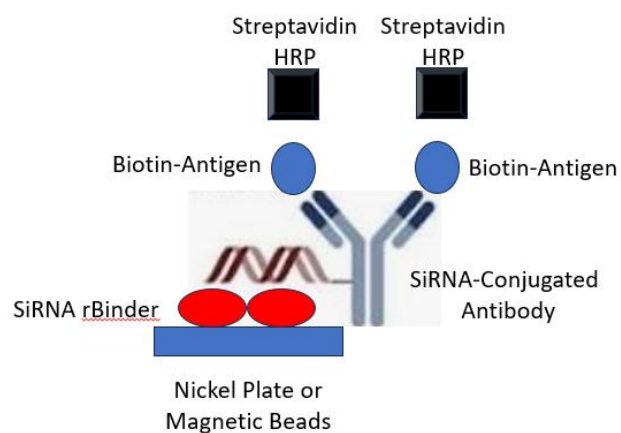
Stable at -20°C for two years, Research Use Only



Product Description and Features:

SiRNA-conjugated antibodies or peptides are fast growing and emerging therapeutics. Although analysis and quantitation of antibodies and peptides are more advanced and mature, the analytical control of SiRNA has been challenging.

Here we provide an innovative recombinant protein which binds to double stranded SiRNA in a high affinity of sub nM. This high affinity of our SiRNA recombinant binding protein make classic ELISA feasible for analysis of both SiRNA and antibodies or peptide from a single method, with our SiRNA recombinant binding protein for capture of SiRNA conjugates and with biotinylated ligand or receptor for detection via the streptavidin-HRP (see design below).



SiRNA Antibody ELISA

Our package size at 200 ug is sufficient for coating 20 ELISA assay plates, providing powerful and cost-effective solution for your SiRNA research and drug development.

You can also use Nickel plates affinity plate or magnetic beads to absorb our SiRNA recombinant binding protein and eliminate coating via passive absorption.

Our SiRNA binding protein captured on ELISA or magnetic beads can be utilized for capture and combined with mass spec for additional analysis.

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- ☐ Ship in cold pack and store at -20°C for upon receiving
- ☐ Dissolve 200 ug in a preferred coating buffer (e.g., PBS pH 7.0, or 0.1M Carbonate-Bicarbonate Buffer, pH 9.6) at an appropriate protein stock concentration.
- ☐ Aliquot and store aliquots at -20°C.
- ☐ Take an aliquot and dilute to 1-2 ug/mL as a recommended coating concentration. Additional concentration should be tested in the initial use.
- ☐ Follow the classic ELISA and our design to bind to double stranded SiRNA and followed by antigen binding. Such an ELISA represents both SiRNA molecule and antibody's binding to its specific antigen as a research and quality control testing.

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