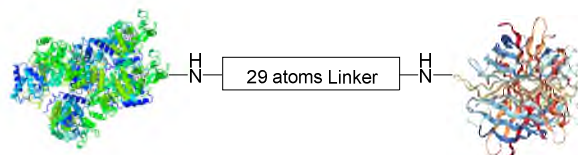


HRP-Streptavidin (1:1) Conjugate

Lyophilized solid, 100 microgram or 500 microgram per tube, ≥95%

Product Number: **CM53202**



Product Description

HRP-Streptavidin conjugate is routinely used for detecting biotinylated antibodies and other biotinylated molecules via an enzymatic linked immunoassay such as ELISA, Western blotting, and immunohistochemistry. The quality of the conjugate and the linker has a great effect on the background and sensitivity of these assays. CellMosaic's HRP-Streptavidin conjugate is designed with a long flexible mixed PEG and ethylene type linker (29-atom length) to retain both biotin binding and HRP activities. Each lot of conjugate consists of only single-label HRP-Streptavidin (1:1) conjugate purified by size exclusion chromatography and confirmed by mass spectrometry.

The product is sold as 1 vial of 100 microgram (Cat# CM53202-100UG) and 1 vial of 500 micrograms (Cat# CM53202-500UG). For bulk orders, please contact us for a quote.

Application

- Suitable for detection of biotinylated antibodies and other biotinylated molecules.
- ELISA, IHC, WB, Immunomicroscopy, Dot Blot, Flow Cytometry (recommended concentration: 0.01-0.1 µg/mL)

Key Features of this HRP–Streptavidin Conjugate

- Lyophilized from phosphate buffered saline for easy shipping and storage
- Gel filtration chromatographic purified single-labeled conjugates confirmed by MS
- Retention of HRP Activity
- Amount accurately determined by UV/HPLC analysis.

Chemical Information

- **Chemical Name:** HRP–Streptavidin (1:1) Conjugate
- **Chemical Formula:** N/A
- **Molecular Weight:** 92KDa **CAS Number:** N/A

Specification

- **Physical Appearance:** brownish preservative-free lyophilized powder (in PBS) in a centrifuge tube
- **Storage Temp:** -20°C.
- **Purity:** ≥99% by SEC HPLC
- **HRP Activity:** ≥250 units/mg protein [Unit Definition: one unit is the amount of enzyme that will form 1.0 mg purpurogallin from pyrogallol in 20 sec. at pH 6.0 at 20°C]
- **Average Streptavidin per HRP:** 1