

**Product no** **AS23 ELISA-CHEM****ELISA Tracker, chemiluminescent peroxidase substrate****Product information**

This is a stabilized luminol based substrates that can detect horseradish peroxidase at extremely low femtogram levels. It is an ultra sensitive substrate.

This product offers: superior sensitivity at economical pricing and is designed to be stable for extended time periods at ambient temperature. The substrate is supplied as two component and may be used for any ELISA application utilizing horseradish peroxidase (HRP) conjugates and combined with variety of blocking buffers. Detection and analysis require a chemiluminometer.

**Format** | Liquid (A+B)

**Storage** | Store at 2°C to 8°C. Exceptional lot to lot consistency.

Shelf life is 24 months when stored in the dark at 2 °C to 8 °C. Keep container tightly closed. Store away from heat or light.

**Additional information** | Store the reagents A and B of ELISA Tracker chemiluminescent peroxidase substrate at at 2-8°C.

Mix equal volumes of reagents A and B in a clean container and equilibrate to room temperature before use.

Do not contaminate the HRP enzyme substrate with HRP or other proteins. Never pipette directly from the product stock or pour aliquoted solution back into the original bottles.

Analytes can be assayed in appropriate microtiter plates designed for chemiluminescence. Conditions should be optimized for each assay system.

This reagents is extremely sensitive and very high HRP concentrations can "burn out" the substrate. It is recommended to use approximately 100 µl of ELISA tracker working solution/well and conduct incubation at room temperature for optimal detection.

Chemiluminometer is necessary for detection. Optimal detection may be obtained up to 20 minutes after substrate contact. ELISA Tracker offers a wide range to detect HRP enzyme in a soluble environment. Lower enzyme detection is at the femto gram level.

**Application information**