

Enhanced PLUS Sheep anti-Human IgG-HRP

LABELS & CONJUGATES

Cat. No. 7010

Product Characteristics

Enhanced PLUS Sheep anti-Human IgG-HRP is a HRP-conjugate specific to Human IgG and with light chains common to other Human immunoglobulins. The conjugate is characterized by an enhanced molar ratio of 80-110 HRP enzymes covalently coupled to a polymer backbone.

Enhanced PLUS Sheep anti-Human IgG-HRP enables an up to 4-fold increase in sensitivity in ELISA compared to conventional conjugates and offers pg/fg sensitivity levels. The conjugate offers several advantages when limited amounts of antibody or antigen are available:

- Signal amplification
- Ultrasensitive detection
- Faster assay time
- Recommended when only minimal amounts of specific antibody or antigen are available

Composition & Properties

Specificity	: Human IgG
Content	: 1 mg HRP/mL stabilized in TRIS buffer
Activity	: 90 - 110%
Recommended Dilution	: 1:20.000 to 1:50.000

Tips & Tricks

- Enhanced PLUS Sheep anti-Human IgG-HRP can successfully be diluted in UNI-StabilPLUS (cat. no. 5230)
- Avoid batch-to-batch variations and day-to-day variation by preparing a stock solution in your own dilution.
- When the highest amplification is required, use the Antibody Enhancer (cat. no. 4660) for dilution and storage. Not to be used for dilution of Ab's directed against rabbit immunoglobulins.

Handling & Storage

Store solution at 2-8 °C.



Our Immunoassay Solutions are eco-friendly, creating a healthy work environment and preserving natural resources, while helping our customers fulfill significant regulatory requirements. **We call it ECO-TEK.**