

# Enhanced PLUS Sheep anti-Mouse IgG-HRP

Sheep anti-Mouse IgG, poly-HRP conjugate

LABELS & CONJUGATES

**Cat. no. 7020**

**Lot no.:** \_\_\_\_\_

**Date of manufacture:** \_\_\_\_\_

**Expected Expiry date:** \_\_\_\_\_ (When stored at 2-8 °C in an unopened bottle)

**Description:** Horseradish Peroxidase (HRP) and Sheep anti-Mouse IgG conjugated to a polymer backbone.

**Concentration:** 1 mg HRP/ml

**Buffer:** Stabilized in 50% TRIS Buffer and 50% HRP Conjugate Stabilizer.

**Analysis:** The conjugate is analyzed for consistent activity and non-specific binding (NSB).

**Activity:** The activity is determined in a 3-layer ELISA. The first layer is a standard Sheep anti-Mouse IgG dilution. The second layer is mouse serum and the third layer is Enhanced PLUS Sheep anti-Mouse IgG-HRP, tested in dilution range from 15.000 to 30.000.

**NSB:** The non-specific binding is tested in the same assay, without addition of the second layer.  
 100µl TMB ONE™ substrate is added to each well and incubated for 13 minutes. The reaction is stopped by addition of 100µl 0.2 M sulphuric acid. The absorbance is read at 450/620 nm. The activity is compared to a standard conjugate solution with known activity.

**Specifications:** Activity: 90 – 110 %  
 NSB: Abs. < 0.150

**Results:** Activity test: \_\_\_\_\_  
 NSB: \_\_\_\_\_

**Performed by:** Date: \_\_\_\_\_ Sign.: \_\_\_\_\_

**Approved by:** Date: \_\_\_\_\_ Sign.: \_\_\_\_\_



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.**

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