



**ImmunoDiagnostics, Inc.**

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## PRODUCT SPECIFICATIONS

### PRODUCT# 1010: Recombinant Protease HIV-1 HXB2

#### SPECIFICATIONS

**Concentration:** See vial  
**Mass/vial:** 100µg  
**Volume/vial:** See vial  
**Diluent:** PBS+ <0.01% SDS  
**Purity :** >95%  
**Stabilizer:** None  
**Preservative:** None  
**Storage:** -75°C  
**Physical State:** Frozen Liquid  
**Stability:** At least 6 months at -75°C.

#### APPLICATIONS

ELISA  
Western ELISA

**DESCRIPTION:** Full length HIV-1 endonuclease (protease) expressed in the the E.coli expression system.

**PURIFICATION:** This protein is purified by solvent extraction and preparative electrophoresis to >98% purity, as determined by SDS-PAGE, reduced. Mol. Wt: Approx 36kD.

**SPECIFICITY:** This protein binds to human anti-protease polyclonal antibodies and murine monoclonal antibodies as determined ELISA and Western ELISA

**BIOLOGICAL ACTIVITY:** Not determined.

#### APPLICATION AND INSTRUCTIONS FOR USE

This protein is stabilized against autoprolysis by the buffer conditions with a pH between 2 - 2.5. To reactivate the protein, dilute with buffers between pH 5.5 - 7.0.