

**Rabbit Anti-Sheep IgG F(ab)2 and Purified (Fab)2**

<b>Cat # 30327</b>	Rabbit Anti-Sheep IgG F(ab') <sub>2</sub> fragment, aff pure, unlabeled	<b>Size:</b> 1 mg
	<b>Form:</b> Liquid                      Powder	
<b>Cat # 30328</b>	Rabbit Anti-Sheep IgG F(ab') <sub>2</sub> -HRP Conjugate	<b>Size:</b> 0.5 ml
	<b>Form:</b> Liquid                      Powder	
<b>Cat # 30329</b>	Sheep IgG F(ab') <sub>2</sub> fragment, unlabeled	<b>Size:</b> 1 mg
	<b>Form:</b> Liquid                      Powder	
	<b>Storage:</b> Store at 4 <sup>0</sup> C	

**Description**

Rabbits were immunized with antigen grade sheep IgG F(ab)<sub>2</sub> fragment (cat # 30329). Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography using sheep IgG-Sepharose. Antibodies are supplied as unlabeled (cat # 30327) or coupled to HRP (Cat # 30328).

**Form and Storage**

**Sheep IgG F(ab')<sub>2</sub> fragment (cat # 30329)** is supplied in PBS pH 7.4 and 0.05% azide at 1 mg/100 ul in liquid or in powder form. Reconstitute powder in PBS at a desired concentration (1-10 mg/ml). The product should be stored at 4<sup>0</sup>C for 1-2 weeks and –20oC for long term storage. Do not store diluted solutions.

**Affinity pure antibody (cat # 30327)** is supplied in PBS pH 7.4 and 0.05% azide at 1 mg/100 ul in liquid or in powder form. Reconstitute powder in PBS at a desired concentration (1-10 mg/ml). The product should be stored at 4<sup>0</sup>C for 1-2 weeks and –20oC for long term storage. Do not store diluted solutions.

**HRP-conjugated antibody (cat # 30328)** is supplied in PBS pH 7.4 and 0.01% Gentamycin sulfate and 1% BSA at 1mg/ml in liquid or powder form. Reconstitute powder in 0.5 ml PBS. The product should be stored at 4<sup>0</sup>C for 1-2 weeks and –20oC for long term storage. Do not store diluted solutions.

**Purity/Specificity**

The conjugate contains affinity pure antibody at approximately 0.5 mg/ml. The molar enzyme to protein (E/P) ratio = 4.0.

Specificity has been tested using IEP, immunodiffusion, and ELISA. The product reacts with sheep IgG, F(ab')<sub>2</sub>, sheep serum and produced single precipitin arc in immunoelectrophoresis (IEP). The antibody may recognize other species IgG's, particularly goat IgG, that have common IgG light chains. However, no antibody is detected to other serum proteins from sheep or other species.

**Recommended Working Dilution for ELISA**

Working dilution for the specific application should be determined by the investigator to obtain the best conditions.

Working solution should be prepared immediately before use and diluted solution should be discarded.

**MSDS**

This product is considered non-hazardous as defined by OSHA (CFR 1910.1200. Nov 25, 1983). It can be disposed of in the drain.

ELISA kits for sheep IgG, IgM, and antibody detection kits

30327-29    70721A