



## **BD3 (beta-Defensin 3) (Biotin)**

### **Catalog number**

B0902-03E

### **Supplier**

United States Biological

### **Applications:**

Suitable for use in ELISA and Western Blot. Other applications not tested.

### **Recommended Dilution**

ELISA (Direct, Sandwich): 0.25-1.0ug/ml Detects  $\geq 0.2$ ng/well of recombinant hBD-3 using 100ul/well antibody solution in conjunction with B0902-03D as a capture antibody. Allows the detection of  $\leq 0.2$ -0.4ng/well of recombinant hBD-3.

Western Blot: 0.1-0.2ug/ml (under either reducing or non-reducing conditions) Detection limit for recombinant hBD-3 is 1.5-3.0ng/lane.

Optimal dilutions to be determined by the researcher.

### **Storage and Stability**

Lyophilized powder may be stored at  $-20^{\circ}\text{C}$ . Reconstitute to nominal volume by adding sterile 40-50% glycerol, PBS, 0.1% BSA.. Aliquot and store at  $-20^{\circ}\text{C}$ . Reconstituted product is stable for 6 months at  $-20^{\circ}\text{C}$ . For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

### **Immunogen**

Highly pure ( $> 98\%$ ) recombinant human Beta Defensin-3

### **Formulation**

Supplied as a lyophilized powder from PBS, pH 7.2. Labeled with Biotin. Reconstitute with sterile 40-50% glycerol, PBS, 0.1% BSA to a concentration of 0.1-1.0mg/ml.

### **Purity**

Purified by immunoaffinity chromatography.

### **Specificity**

Recognizes human Beta Defensin-3.

### **Product Type**

Pab

### **Source**

human

### **Isotype**

IgG

### **Grade**



Affinity Purified

**Applications**

E WB

**Crossreactivity**

Hu

**Storage**

4°C (-20°C Glycerol)

**Detection Method**

Biotin