

## ***Bartonella henselae* 26 kDa**

### **Antigen Specification**

**Product Number: 45100**

**Description:**

*Bartonella henselae* (strain Houston-1)  
26 kDa protein. Recombinant antigen  
for research use or manufacturing only.

**Origin:**

Recombinant. Expressed in *E. coli*  
bacterial cells.

**Expression construct:**

Full-length cDNA coding for *Bartonella*  
*henselae* 26 kDa fused to a deca-  
histidine purification tag.

**Biochemical tests:**

SDS-PAGE (purity > 80%); Western  
blot with patient sample.

**Calculated molecular weight:**

25 kDa

**Calculated isoelectric point:**

pH 7.27

**Endotoxin content:**

Tested by LAL (Limulus Amoebocyte  
Lysate) chromogenic endotoxin assay.

**Immunological tests/Functionality:**

Immunodot analyses with  
positive/negative samples.

**Recommended buffer/storage and  
handling conditions:**

Recommendations for storage buffer:  
neutral to slightly alkaline pH, and 20%  
glycerol as cryoprotective agent.  
Storage conditions: -70°C or below.  
Repeated freeze/thaw cycles should  
be avoided.

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