

***Bartonella henselae* 17 kDa**

Antigen Specification

Product Number: 45000

Description:

Bartonella henselae (strain Houston-1)
17 kDa protein.
Recombinant antigen for in vitro
research and manufacturing use only.

Immunological function:

Binds IgG- and IgM-type human
antibodies.

Origin:

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

Expression construct:

Full-length cDNA coding for *Bartonella*
henselae 17 kDa fused to a deca-
histidine purification tag.

Biochemical tests:

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

Calculated molecular weight:

18 kDa

Calculated isoelectric point:

pH 8.83

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 6 M
urea. Storage conditions: -70°C or
below.
Repeated freeze/thaw cycles should
be avoided.

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