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32-13045: Bartonella 17kDa

Description

Source: Escherichia Coli.
Sterile Filtered solution.
Numerous forms of Bartonellosis are caused by Bartonella henselae as well as Cat Scratch Disease & Bacillary Angiomatosis. It has been found that up to 95% of patients with Cat Scratch Disease show antibodies against Bartonella henselae antigens. P17 is the 1st antigen which was discovered to be strongly reactive with sera from Cat Scratch Disease patients. Bartonella henselae participates in host recognition by the type IV secretion system as a homolog of the virB5 family. Highly immunoreactive proteins which are produced by the Bartonella henselae are the most important antigens used for the diagnosis of Cat Scratch Disease.
Recombinant Bartonella Henselae 17kDa produced in E.Coli is a single, non-glycosylated polypeptide chain having a molecular mass of 18kDa. Bartonella 17kDa is expressed with a -10x His tag at N-terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	50 µg / 100 µg
Purification :	Greater than 80% as determined by SDS-PAGE.
Content :	Bartonella 17kDa is supplied at a 20mM HEPES buffer pH-7.6, 150mM NaCl and 40% Sucrose (w/v).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.