

***Borrelia miyamotoi* GlpQ**

Antigen Specification

Product Number: 42400

Description:

Borrelia miyamotoi GlpQ protein.
Recombinant antigen for research use
or manufacturing only.

Origin:

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

Expression construct:

Full-length cDNA coding for *Borrelia
miyamotoi* GlpQ fused to a deca-
histidine purification tag.

Biochemical tests:

SDS-PAGE (purity > 80%); Western
blot with monoclonal anti-penta-His
antibody.

Calculated molecular weight:

38,132 Dalton

Calculated isoelectric point:

pH 6.25

Endotoxin content:

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

**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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