Babesia microti GPI12

Datasheet, Version 2/2016

protean
Forefront of Biotechnology

Catalog #	2126
Synonyms	BmGPI12 Antigen, p41 protein
Type	Recombinant
Source	E. coli
Species	Babesia micoti
Tag	GST
Form	Liquid
Purity	>95% by SDS PAGE
Shipping	Ice pack

Introduction

Babesia parasites are obligate intraerythrocytic protozoa capable of invading a wide range of vertebrate hosts. Babesia microti has emerged as a new life-threatening zoonosis in the world causing a disease in humans and rodents. The infection is usually asymptomatic. However, immunocompromised and elder people may develop moderate to serious symptoms.

Description

GPI12 is a member of GPI anchored membrane proteins that represent a specific marker of Babesia infection.

Application

ELISA, Western blot, LIA, Protein arrays

Purification method

Affinity chromatography.

Formulation

Liquid, does not contain glycerol. Protein conc. 2 mg/ml. MW 60kDa including GST tag.

Specificity

Highly immunoreactive fusion protein containing a major part of GPI12 antigen (XP_012648767.1: 13..328aa). MW 60 kDa with GST (GPI12 alone MW 34kDa).

Storage

-80C. Aliquot upon arrival.

Analyte specific reagent (ASR) manufactured under ISO 13485.
Country of origin: Czech Republic

Protean s.r.o.
Pod Lesem 9
373 16 Dobra Voda u CB
The Czech Republic

ISO 9001 & ISO 13485
CERTIFIED

www.protean.bio
info@protean.bio
+420 380 120 427