

**Polyclonal Anti-*Plasmodium falciparum* Pfg27 (antiserum, Rabbit)**

**Catalog No. MRA-1277**

**Product Description:** Antiserum to the sexual stage/gametocyte-specific antigen, Pfg27 from *Plasmodium falciparum* (*P. falciparum*) was produced by immunization of rabbits.<sup>1</sup>

**Lot: 64104286**

**Manufacturing Date: 17FEB2016**

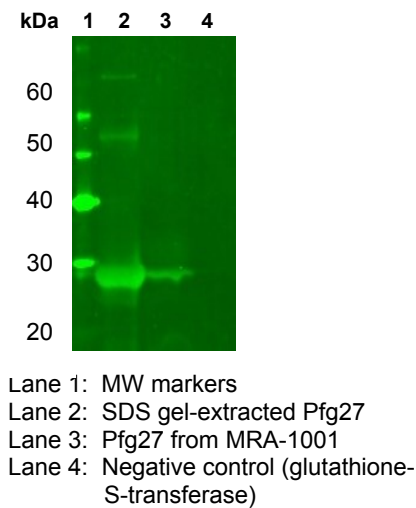
TEST	SPECIFICATIONS	RESULTS
<b>Functional Activity</b> Western blot analysis <sup>2</sup>	Reactive	Reactive (Figure 1)
Indirect ELISA with <i>in vitro</i> generated Pfg27 protein or recombinant Pfg27 protein fused with MBP <sup>3</sup>	Reactive	Reactive (Figure 2)

<sup>1</sup>A recombinant His-tagged MBP (maltose binding protein) Pfg27 fusion protein was digested with protease to release MBP and subjected to SDS-gel electrophoresis. The Pfg27 band was excised and used to immunize New Zealand white rabbits.

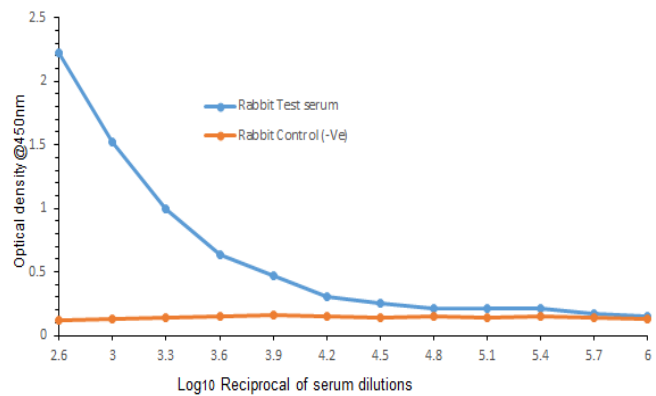
<sup>2</sup>Using SDS gel-extracted Pfg27 and *in vitro* generated Pfg27 from *P. falciparum*, strain 3D7 (GL clone) (BEI Resources MRA-1001) and 1:2000 dilution of MRA-1277

<sup>3</sup>Plates were coated with 2.5 µg/mL of purified Pfg27 recombinant protein from MRA-1001 (Figure 2). Secondary antibody was goat anti-rabbit IgG-HRP conjugate (Bethyl A-120-101P).

**Figure 1: Western Blot Analysis**



**Figure 2: ELISA with Pfg27**



**Date:** 22 AUG 2016

**Signature:**

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