



Recombinant Theileria equi EMA1 Protein [His] (DAGC-H008)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	Theileria equi
Purity	> 90% as determined by SDS-PAGE
Conjugate	His
Applications	ELISA, WB
Molecular Weight	42kDa
Format	Liquid
Size	500 µg, 1 mg
Buffer	0.01 M PBS
Preservative	None
Storage	Store at -70°C.

BACKGROUND

Introduction Theileria equi EMA-1 is an immunodominant merozoite surface protein of the Theileria equi parasite, which causes equine piroplasmiasis. EMA-1, along with EMA-2, are key targets for antibody responses in infected horses. The genetic diversity and expression of EMA-1 are important for understanding T. equi strain variation, which is relevant for developing effective diagnostic tools and vaccines against equine piroplasmiasis.

Keywords Theileria equi; Babesia equi; Theileria equi EMA1; TE EMA1; EMA1; EMA-1