



S100- β control (DAG-WT2636)

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

PRODUCT INFORMATION

Conjugate	Unconjugated
Applications	Immunoassays
Format	Liquid or Lyophilized
Concentration	500ng/L
Size	0.5 mL, 1.0 mL
Buffer	Synthetic serum
Storage	Store at -20°C

BACKGROUND

Introduction	<p>S100A8/A9, also known as Calprotectin, is a heterodimeric protein that belongs to the family of low molecular weight, calcium binding S100 proteins with two EF-hand calcium binding domains. Calcium and zinc binding influences the S100A8/A9 conformation and oligomerization state, which includes the self-assembly into homo- and heterodimers and larger oligomers. S100A8/A9 is elevated in blood and other body fluids in many pathological conditions including rheumatoid arthritis, inflammatory bowel diseases, viral or microbial infections, and tumors. S100A8/A9 is identified as an endogenous activator of TLR4 and is involved in promoting the inflammatory response in infections.</p>
Keywords	Calprotectin; S100A8/A9; S100B