



Mouse anti-double stranded DNA antibody (IgG) ELISA Kit

Product Code	CSB-E11194m
Abbreviation	dsDNA Ab (IgG)
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Others
Tag Info	qualitative
Protein Description	Indirect

Description

The mouse anti-double-stranded DNA antibody (IgG) ELISA kit can qualitatively detect anti-double-stranded DNA (anti-dsDNA) antibodies. It operates through an indirect measurement method. The kit allows for the detection of anti-dsDNA antibodies in mouse serum samples, with an assay time ranging from 1 to 5 hours and a sample volume requirement of 50-100 µl. The detection wavelength is at 450 nm. This kit has been utilized in more than 13 papers, underlining its significance and reliability in research settings. Studies have shown that the presence of self-DNA drives the production of IgG anti-dsDNA antibodies in lupus, highlighting the importance of tools like this ELISA kit in understanding autoimmune mechanisms. Anti-dsDNA antibodies are highly specific for systemic lupus erythematosus (SLE). These antibodies are crucial in predicting disease exacerbation in SLE.

Typical