



Anti-La/SS-B polyclonal antibody (DPABHZ05)

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

PRODUCT INFORMATION

Specificity	<p>This product has only the Anti-La/SS-B precipitin band when tested using double immunodiffusion against rabbit thymus extract. The titer obtained will vary with the test system; however, undiluted antibody shows a strong Anti-La/SS-B precipitin band.</p> <p>The specificity is verified by a precipitin line of identity with the CDC-AF reference serum. This product shows no reactivity at a dilution of 1:100 when tested against purified nRNP, Sm, Scl-70, Jo-1, Mitochondrial, or Ribosome P antigens in an ELISA system designed to detect IgG antibody. These sera are powerfully positive in an Anti-La/SS-B ELISA system.</p>
Immunogen	Single donor human plasma is delipidized and defibrinated, then the immunoglobulin fraction is precipitated and collected.
Source/Host	Human
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA
Reconstitution	2 ml Deionized water.
Format	Lyophilized Powder
Size	2 ml
Buffer	0.01M Phosphate, 0.13M NaCl, 0.02% Azide
Preservative	0.02% Sodium Azide
Storage	After reconstituting, aliquot and store frozen at -20°C.

BACKGROUND

Introduction

The La/SS-B antigen is a 47 kD ribonucleic protein that is associated with a spectrum of small RNAs. La/SS-B appears to be readily susceptible to proteolysis, resulting in many smaller (42kD, 320, and 270) but still immunoreactive polypeptides. It has been shown that the La/SS-B antigen primarily resides in the nucleus, and it appears to be associated with RNA polymerase III transcripts. It has also been shown that the La/SS-B antigen shows strong conservation across species. Anti-La/SS-B autoantibodies were described originally as precipitating autoantibodies in sera of Sjogren's Syndrome patients and referred to as Sjt.
