



Anti-Jo-1 Antigen polyclonal antibody (DPABHZ07)

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

PRODUCT INFORMATION

Specificity	<p>This product has only the Anti-Jo-1 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-Jo-1 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, Ro/SS-A, La/SS-B, Scl-70, Sm, Mitochondrial, or Ribosomal P antigens in an ELISA system designed to detect IgG antibody.</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 Jo-1 antigen is histidyl-transfer ribonucleic acid (t-RNA) synthetase. This enzyme is partially responsible for attaching t-RNA to their cognate rRNA
