



Ro (SSA) Antigen (DAG-T1224)

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

PRODUCT INFORMATION

Product Overview	Purified from bovine thymus. After coating onto ELISA plates the product will bind autoantibodies to Ro (SSA).
Purity	The Ro autoantigen (60 kDa) is more than 90% pure, as assessed by SDS polyacrylamide gel electrophoresis.
Concentration	0.1-1.0 mg/ml.
Size	0.20 mg
Preservative	None
Storage	The product is stabilised with 0.1% Micr-O-protect TM. Store at -20°C or below (long term) or at +4°C (short term). Avoid repeated freezing and thawing. Mix thoroughly before use.

BACKGROUND

Introduction	Calreticulin also known as calregulin, CRP55, CaBP3, calsequestrin-like protein, and endoplasmic reticulum resident protein 60 (ERp60) is a protein that in humans is encoded by the CALR gene. Calreticulin is a multifunctional protein that binds Ca ²⁺ ions (a second messenger in signal transduction), rendering it inactive. The Ca ²⁺ is bound with low affinity, but high capacity, and can be released on a signal (see inositol triphosphate). Calreticulin is located in storage compartments associated with the endoplasmic reticulum. The term "Mobilferrin" is considered to be the same as calreticulin by some sources.
Keywords	CALR;Calreticulin;Ro (SSA) Antigen;SSA Antigen;Ro Antigen;

GENE INFORMATION

Entrez Gene ID

[811](#)

UniProt ID

[P27797](#)