



## Ro (SSA) Antigen (DAG-T1224)

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

### PRODUCT INFORMATION

<b>Product Overview</b>	Purified from bovine thymus. After coating onto ELISA plates the product will bind autoantibodies to Ro (SSA).
<b>Purity</b>	The Ro autoantigen (60 kDa) is more than 90% pure, as assessed by SDS polyacrylamide gel electrophoresis.
<b>Concentration</b>	0.1-1.0 mg/ml.
<b>Size</b>	0.20 mg
<b>Preservative</b>	None
<b>Storage</b>	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

<b>Introduction</b>	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 <sup>2+</sup> ions (a second messenger in signal transduction), rendering it inactive. The Ca <sup>2+</sup> 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.
<b>Keywords</b>	CALR;Calreticulin;Ro (SSA) Antigen;SSA Antigen;Ro Antigen;

### GENE INFORMATION

Entrez Gene ID

[811](#)

UniProt ID

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