



C1q Antigen (DAG-T1241)

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

PRODUCT INFORMATION

Product Overview	Purified from human plasma that has been tested and found to be negative for HIV, HCV and HBsAg antibodies. After coating onto ELISA plates the product will bind autoantibodies to prothrombin.
Purity	The C1q antigen (A, B and C subunits; 29, 26 and 22 kDa respectively) is more than 95% pure, as assessed by SDS gel electrophoresis.
Concentration	0.5-2.0 mg/ml
Size	1 mg
Preservative	None
Storage	The product is stabilised with 20% glycerol and 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	<p>The C1q complex is potentially multivalent for attachment to the complement fixation sites of immunoglobulin.</p> <p>The sites are on the CH2 domain of IgG and, it is thought, on the CH4 domain of IgM.</p> <p>The appropriate peptide sequence of the complement fixing site might become exposed following complexing of the immunoglobulin, or the sites might always be available, but might require multiple attachment by C1q with critical geometry in order to achieve the necessary avidity.</p>
Keywords	C1q;C1Q complex;C1q Antigen;C1Q complex Antigen;