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Certificate of Analysis and Data Sheet

NATIVE HUMAN C1q

Catalog No.
DS-01-0500

Target Species
Human

Formulation

Product Form: Purified C1q from human serum - lyophilized

Buffer Solution: 0.01M Na₂EDTA, 0.3M NaCl, pH 7.5

Preservative Stabilizers: None

Reconstitution: Reconstitute with 1.0ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial.

Purity: >96% by SDS PAGE. Single band at 410kDa in PAGE.

Approx. Protein Concentrations: Total protein concentration 1.0 mg/ml after reconstitution

Description

Native Human Complement Component C1q is a sub-component of complement C1. C1q associates with complement components C1r and C1s, which are required for the progression of the proteolytic complement cascade. Deficiency of C1q has been associated with lupus erythematosus and glomerulonephritis.

Applications

Table Summary of protein applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Western Blotting			•	
ELISA	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Storage

Prior to reconstitution store at 4°C. Following reconstitution store at -20°C.

Shelf Life: 12 months from date of reconstitution

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**