



Rabbit Complement (DAG136)

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

PRODUCT INFORMATION

Product Overview	Complement from baby rabbit
Specificity	This rabbit serum is intended for use as a source of rabbit complement for cytotoxicity studies.
Species	Rabbit
Conjugate	Unconjugated
Format	Serum
Size	2 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction

The complement system helps or "complements" the ability of antibodies and phagocytic cells to clear pathogens from an organism. It is part of the immune system called the innate immune system that is not adaptable and does not change over the course of an individual's lifetime. However, it can be recruited and brought into action by the adaptive immune system. The complement system consists of a number of small proteins found in the blood, generally synthesized by the liver, and normally circulating as inactive precursors (pro-proteins). When stimulated by one of several triggers, proteases in the system cleave specific proteins to release cytokines and initiate an amplifying cascade of further cleavages. The end-result of this activation cascade is massive amplification of the response and activation of the cell-killing membrane attack complex. Over 25 proteins and protein fragments make up the complement system, including serum proteins, serosal proteins, and cell membrane receptors. They account for about 5% of the globulin fraction of blood serum.

Keywords

Rabbit Serum; Serum; Rabbit Complement; Complement
