

Dried Complement "SEIKEN"

This is lyophilized complement from Guinea pigs and is intended for use in complement fixation tests to determine human serum antibody levels to various target viruses involved in infectious diseases.

PRODUCT

A mixture of fresh sera taken from more than ten healthy guinea pigs.

Titer: The CH_{50} of this product is guaranteed to be greater than 1:200 (Nishioka's method).

PROCEDURES

1. Reagent preparation

Reconstitute the reagent by adding the prescribed volume of distilled water (or Green's solution*). The water used for reconstitution should be cooled to below 10°C prior to use.

* If the complement is reconstituted with Green's solution and kept at 4°C, there will be no drop in titer for up to 1 week.

2. CF test

Choose the most appropriate CF test procedure according to your purpose, and confirm the dilution factor in a preliminary test.

STORAGE AND SHELF LIFE

Storage : 2 ~ 10 °C

Expiration : Up to expiration date on the label

PACKAGE CONTENT

Dried complement "SEIKEN" 1 ml equivalent × 10 (Product Code 500101)

Dried complement "SEIKEN" 5 ml equivalent × 5 (Product Code 500202)

The following products are available separately from us.

Miscellaneous Reagents for Complement Fixation Test	
Green's solution	
This solution is used to reconstitute complement and contains 12 w/v% sodium acetate, 4 w/v% borate.	
[STORAGE AND SHELF LIFE]	Storage temperature: 2 – 10 °C Shelf life: 1 year after production
[PACKAGE CONTENT]	Green's solution "SEIKEN" 20 ml (Product Code 500901)
Hemolysin "SEIKEN"	
Rabbits are immunized with fresh sheep RBCs, and the resulting serum is taken and heated at 56°C for 30 minutes. Sodium azide at the ratio of 0.1 w/v% is added as stabilizer.	
Titer: about 5000 units (Ogata's method)	
[STORAGE AND SHELF LIFE]	Storage temperature: 2 – 10°C Shelf life: 1 year after production
[PACKAGE CONTENT]	Hemolysin "SEIKEN" 3 ml (Product Code 500801)