



## ELISA for Quantitative Determination of Rabbit IgG

### Introduction

The CellTrend IgG(rabbit)-ELISA is designed for the quantitative determination of rabbit IgG in complex samples (serum or other biological samples).

### Principle of the Assay

The determination of rabbit IgG is carried out as direct sandwich ELISA. An antibody specific for rabbit IgG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IgG present is bound. After washing away any unbound substances, an enzyme-linked antibody is added. Following a wash, a substrate solution is added to the wells and color develops in proportion to the amount of antibody conjugate. The absorption at 450 nm is proportional to the IgG concentration.

### Performance Characteristics

#### Standard curve:

7 standards between 3.125 ng/ml and 200 ng/ml

#### Sensitivity:

156 ng/ml (sample dilution 1:50)

#### Sample materials:

Protein solutions, serum, body fluids

#### Intraassay precision (CV):

(n=10)

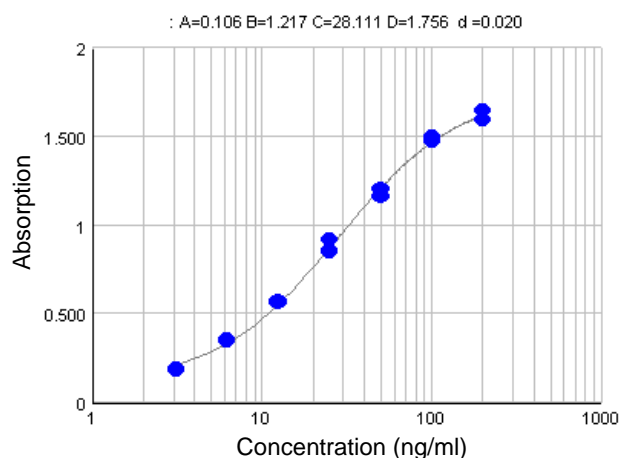
at 4.1 ng/ml: 2.9%

at 17.3 ng/ml: 2.5%

at 34.7 ng/ml: 2.6%

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### Typical Standard Curve



### Assay Procedure

Incubation of samples/standards	100 µl/well	1 hr with shaking or 2 hrs without shaking
Wash		
Incubation of detection antibody	100 µl/well	1 hr with shaking or 2 hrs without shaking
Wash		
Substrate incubation	100 µl/well	10 min, room temperature
Add stop solution	100 µl/well	
Read at 450 nm		

### Order informations

Product	Catalog number	Price (€)
ELISA for Quantitative Determination of IgG (rabbit), 1x96 determ.	56100	490.-
Contract analysis: Determination of IgG (rabbit)		please inquire

### Related products

Product	Catalog number	Price (€)
ELISA for Quantitative Determination of IgM (rabbit), 1x96 determ.	56200	490.-
Contract analysis		please inquire