

Datasheet for ABIN2702908  
**CFHR5 ELISA Kit**



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1 Image

## Overview

Quantity:	96 tests
Target:	CFHR5
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.41-100 ng/mL
Minimum Detection Limit:	0.41 ng/mL
Application:	ELISA

## Product Details

Purpose:	Human Complement Factor H-related 5 (CFHR5) ELISA Kit for Cell Culture Supernatants, Plasma, and Serum samples.
Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	The antibody pair provided in this kit recognizes Human Complement Factor H-related 5 (CFHR5)
Sensitivity:	0.41 ng/mL
Characteristics:	<ul style="list-style-type: none"><li>• Strip plates and additional reagents allow for use in multiple experiments</li><li>• Quantitative protein detection</li><li>• Establishes normal range</li><li>• The best products for confirmation of antibody array data</li></ul>

## Product Details

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Components:	<ul style="list-style-type: none"><li>• Pre-Coated 96-well Strip Microplate</li><li>• Wash Buffer</li><li>• Stop Solution</li><li>• Assay Diluent(s)</li><li>• Lyophilized Standard</li><li>• Biotinylated Detection Antibody</li><li>• Streptavidin-Conjugated HRP</li><li>• TMB One-Step Substrate</li></ul>
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Material not included:	<ul style="list-style-type: none"><li>• Distilled or deionized water</li><li>• Precision pipettes to deliver 2 µL to 1 µL volumes</li><li>• Adjustable 1-25 µL pipettes for reagent preparation</li><li>• 100 µL and 1 liter graduated cylinders</li><li>• Tubes to prepare standard and sample dilutions</li><li>• Absorbent paper</li><li>• Microplate reader capable of measuring absorbance at 450nm</li><li>• Log-log graph paper or computer and software for ELISA data analysis</li></ul>
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## Target Details

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Target:	CFHR5
Alternative Name:	CFHR5 ( <a href="#">CFHR5 Products</a> )
Background:	Gene Names: CFHR5 CFHL5 FHR5 Protein names: Complement factor H-related protein 5 (FHR-5)
Gene ID:	81494
UniProt:	<a href="#">Q9BXR6</a>

## Application Details

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Application Notes:	Recommended Dilution for serum and plasma samples 400 fold
Sample Volume:	100 µL
Plate:	Pre-coated
Protocol:	<ol style="list-style-type: none"><li>1. Prepare all reagents, samples and standards as instructed in the manual.</li><li>2. Add 100 µL of standard or sample to each well.</li><li>3. Incubate 2.5 h at RT or O/N at 4 °C.</li><li>4. Add 100 µL of prepared biotin antibody to each well.</li><li>5. Incubate 1 h at RT.</li><li>6. Add 100 µL of prepared Streptavidin solution to each well.</li></ol>

## Application Details

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7. Incubate 45 min at RT.
8. Add 100  $\mu\text{L}$  of TMB One-Step Substrate Reagent to each well.
9. Incubate 30 min at RT.
10. Add 50  $\mu\text{L}$  of Stop Solution to each well.
11. Read at 450 nm immediately.

Sample Preparation: For example, add 2  $\mu\text{L}$  of serum or plasma into a tube with 798  $\mu\text{L}$  1X Assay Diluent to prepare a 400-fold diluted sample. Mix well.

Restrictions: For Research Use only

## Handling

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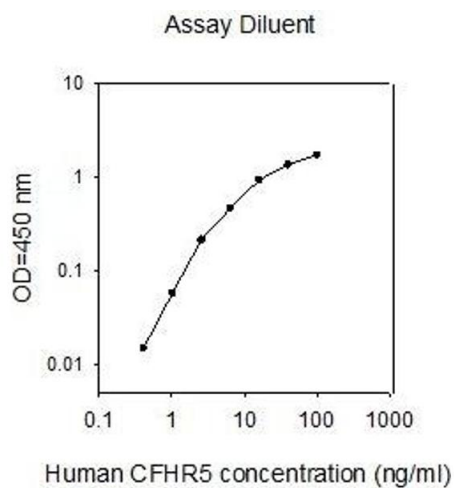
Storage: -20  $^{\circ}\text{C}$

Storage Comment: The entire kit may be stored at -20 $^{\circ}\text{C}$  for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4 $^{\circ}\text{C}$  for up to 6 months. For extended storage, it is recommended to store at -80 $^{\circ}\text{C}$ .

Expiry Date: 6 months

## Images

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ELISA

Image 1.