

# C1s/C1-INH and MASP-1/C1-INH complex assays

Tools to investigate and unravel early complement activation in complement-mediated diseases

## Early intervention

Complement-mediated inflammation is linked to a wide variety of diseases. In some cases, it is important to intervene as early as possible in this process as it has direct clinical implications. Currently C1-INH administration in its natural or recombinant form is an approved treatment for hereditary angioedema (HAE).

C1-INH or other early complement inhibitors are investigated for better targeted therapies in pending clinical studies. Hence the C1-INH complexes can be used as an indirect marker for ongoing classical or lectin pathway activation.

## Why looking at C1-INH and its complexes?

C1-INH administration is an approved common treatment for hereditary angioedema (HAE) and in clinical trials for:

- Prevention of rejection in kidney transplantation
- Traumatic brain injury and acute ischemic stroke
- Endotoxemia, sepsis, inflammation and multiple organ failure
- Application in end stage renal disease and chronic kidney disease

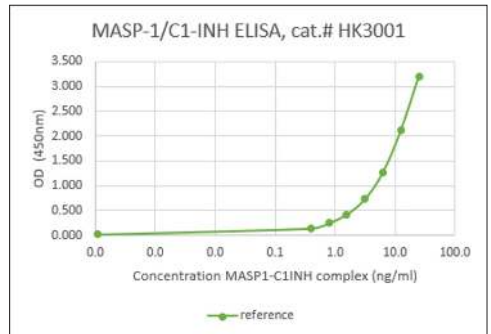
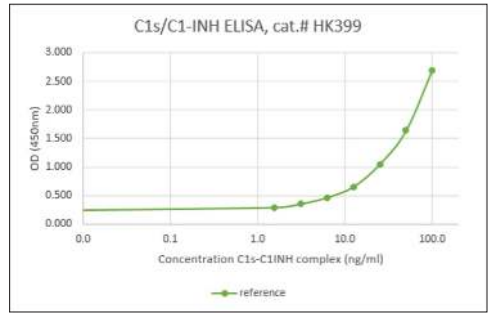
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## Benefits

- ✓ Validated in COVID-19 and MIS-C studies
- ✓ Ready-to-use ELISA's with a working time of 1 hour and 45 minutes
- ✓ Reliable quantification of C1s/C1-INH complex or MASP-1/C1-INH complex
- ✓ Uses EDTA-plasma as input sample. No need for complement-preserved serum to assess early lectin pathway activation
- ✓ First on the market available ELISA assay to measure early classical and early lectin pathway activation



## How to order and start

Get yourself both ELISA kits and start your research. To order the:

1. C1s/C1-INH assay use cat. #HK399
2. MASP-1/C1-INH assay use cat. #HK3001

Go to [www.hycultbiotech.com](http://www.hycultbiotech.com) and order the kits via your local distributor. Also check our other complement tools and discover the possibilities.

**Together, we improve health.**  
Collaborate to achieve success,  
**your goal is our goal.**

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**Tools to investigate and unravel**