

HAEMAGGLUTINATION AND HAEMAGGLUTINATION INHIBITION ASSAY

STATENS
SERUM
INSTITUT



- Detection and quantitation of virus
- Detection and quantitation of virus-specific antibodies
- Typing and subtyping of influenza virus
- Typing and subtyping of influenza-specific antibodies

Haemagglutination and haemagglutination inhibition assay

At Statens Serum Institut we have a long-term experience in quantitative detection of virus and virus-specific antibodies using the haemagglutination (HA) assay and the haemagglutination inhibition (HAI) assay.

Experienced partner

The HA assay is a state-of-the-art method for detection and quantitation of specific viruses. Likewise, the HAI assay is a well-described method for detection of antibodies raised against a specific virus or vaccine. At Statens Serum Institut, we have in-depth experience from research as well as contract work in performing both of these assays.

Virus detection

We offer detection of virus and virus-specific antibodies in clinical samples, cell cultures and bulk materials using the HA and HAI assay, respectively. Both assays can be performed as quantitative and will be carried out in BL2/BL3 environments.

International expertise

As the National WHO Reference Laboratory for several viruses, including influenza virus, we possess not only high international expertise within the field but also a unique collection of viruses and antisera, which can be included in the analysis as references/controls.

Broad selection of blood

Both assays require the addition of red blood cells, and we possess a steady supply of blood from a broad selection of relevant animals such as guinea pig, turkey, sheep etc.



Flexible

Studies can be carried out as individual projects or according to a contract work agreement. If needed, we have the expertise to develop or optimize assays to full-fill the requirements from our contract partners.

Statens Serum Institut offers in regards to HA and HAI assay:

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- Detection and quantitation of virus-specific antibodies
- Typing and subtyping of influenza virus
- Typing and subtyping of influenza-specific antibodies

For further information please contact

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” *Statens Serum Institut has yearlong experience within the fields of infectious and autoimmune diseases. Throughout the years, we have developed several areas of strength based on our ongoing production, and research with a strong focus on quality assurance and with dedicated and experienced staff.*