

Influenza



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Antigens used for complement fixation (CF) antibody assays are intended to detect specific antibodies of class IgM/ IgG in mixture. The test can not discriminate between the antibody classes. The complement fixation test is performed in two stages. First, serum and antigen are mixed in presence of known amount of complement. If the serum antibodies and antigen react, the complement is bound to antigen–antibody complexes and depleted from the mixture. In the second stage erythrocytes with bound antibodies are added to the reaction mixture, and if complement remains from the first stage, the erythrocytes will be lysed. The highest serum dilution that prevents haemolysis is proportional to the concentration of antigen specific antibodies in the serum sample.

Influenza CF antigens are intended for the detection of class IgG and IgM antibodies to Influenza virus type A/H1N1 (A/ H3N2, B or A and B) via complement fixation assay. Serum antibodies to Influenza type A CF antigen (B CF antigen or A and B CF antigen) are indicative of previous contact with the virus or with the Influenza antigens. Kits contain partially purified mixtures of formaldehyde inactivated Influenza virus type A (B) in allantoic fluid of chicken embryo in glycerol solution.

CF Ag



REF	Product	Method	Sample	Format
ODZ-107	Influenza A/H1N1	CFAg	serum	1 ml
ODZ-108	Influenza A/H1N1	CFAg	serum	6 x 1 ml
ODZ-109	Influenza A/H3N2	CFAg	serum	1 ml
ODZ-110	Influenza A/H3N2	CFAg	serum	6 x 1 ml
ODZ-111	Influenza B	CFAg	serum	1 ml
ODZ-112	Influenza B	CFAg	serum	6 x 1 ml
ODZ-113	Influenza – comb. kit.	CFAg	serum	3 x 6 ml

Why using **Antigens for complemet fixation assay**:

- Cost-effective test
- Differentiation between type A/H1N1 and A/H3N2
- Antigens are inactivated
- Test performance does not need any special laboratory devices
- Parallel different antigens testing of the sample from one patient



Adenovirus

CF Ag Adenovirus is intended for complement fixation test to detect antibodies against the Adenovirus group specific (mainly hexon) antigens in serum samples. A single positive antibody titre to CF antigens indicates a contact with the virus but it does not allow a conclusion as to the time of contact (recent or past).

A seroconversion or a four-fold rise in titre between serum samples taken during the acute and the convalescent phase of the disease is suggestive of a recent Adenovirus infection. CF Ag Adenovirus contains a mixture of the most common Adenovirus serotypes (1–7 and 14).

CF Ag



REF	Product	Method	Sample	Format
ODZ-114	Adenovirus	CFAg	serum	1 ml lyof.
ODZ-115	Adenovirus	CFAg	serum	6 x 1 ml lyof.

Why using **Antigens for complemet fixation assay:**

- Cost-effective test
- Long stability
- Test performance does not need any special laboratory devices
- Parallel different antigens testing of the sample from one patient
- Antigens are inactivated and lyofilized

