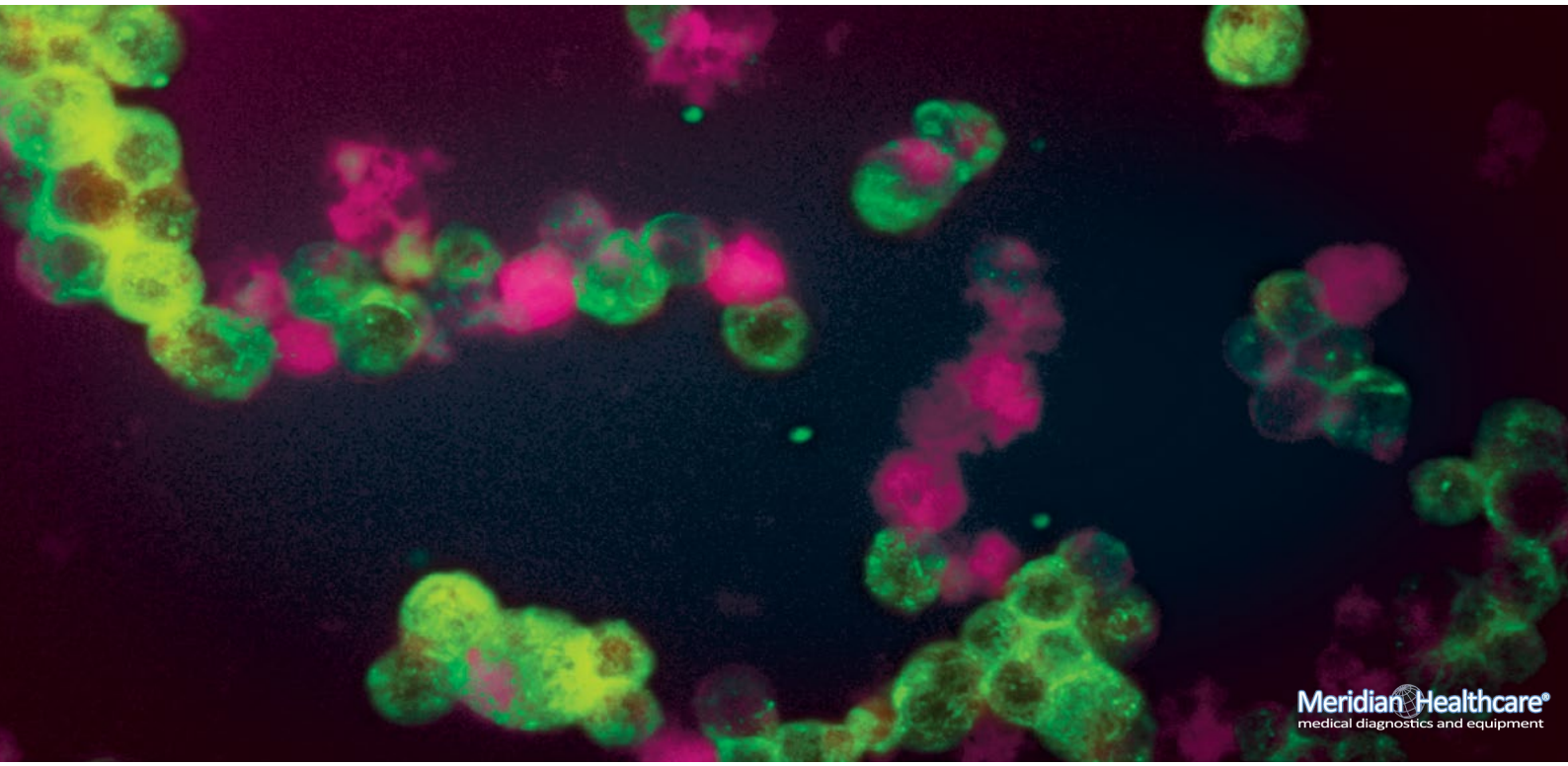
IF-VIDITEST
Human herpesvirus 6



VIDIA immunofluorescence kit

- intended for the detection of specific IgG antibodies against HHV-6 in human serum.

...the way to the correct results

IgM ANTIBODY RESPONSE

evidence for ongoing and recent active infection

IgG ANTIBODY RESPONSE

evidence for later stage active and past infections

Immunofluorescence in diagnostics

The indirect IF method is used to detect specific antibodies. The specificity of antibodies should also be complemented by ELISA testing. Interpretation of test results should always be based on patient anamnesis and in particular clinical data and other laboratory parameters.

Benefits of kits

- Qualitative evaluation in the serum / plasma
- Determination of the titer of specific antibodies
- The kit contains ready-to-use reagents
- Additional evaluation to the results of ELISA and MONO-VIDITEST

IF-VIDITEST

The kits are coming from own research, development and production.

We are VIDIA spol. s. r. o., a Czech biotechnology company with a wide range of kits for diagnostic examinations. Our products are developed with high quality.

IF-VIDITEST
Human herpesvirus 6

A ubiquitous and inherited virus

This DNA virus is often referred to as an endogenous retrovirus. It occurs in two variants HHV-6A and HHV-6B. Its typical feature is lifelong latent persistence in the human body, which follows primary infection. Under conditions of weakened immunity, it can reactivate, start multiplying again and cause repeated infections. HHV-6A is more neurovirulent and more common in patients with neuroinflammatory diseases, such as diffuse virosis. HHV-6B is the cause of the common childhood disease exanthema subitum (sixth disease).

Principle of the test and procedure in steps

1. Step

- Addition 30 ml of diluted sera, positive and negative controls to the wells of a microscope slide
- Human anti-HHV-6 antibody binds when present in the test serum to the HHV-6 antigen complex contained in infected cells
- Incubation for 60 minutes at 37 °C

2. Step

- Washing in PBS (Phosphate Buffered Saline) 3 x 5 minutes
- Unbound non-specific serum proteins are removed

3. Step

- Addition of fluorescein isothiocyanate-labeled animal anti-human IgG antibody (FITC conjugate)
- The antigen-antibody complex becomes visible
- Incubation for 60 minutes at RT

4. Step

- Washing in PBS (Phosphate Buffered Saline) 3 x 5 minutes
- Unbound conjugate is removed
- Adding mounting solution to wells (2 drops)
- Covering the wells with a coverslip

5. Step

- Evaluation of the green signal of the antigen-antibody complex using a fluorescence microscope with a filtration system for FITC (excitation wavelength 465-495, barrier filter 515-555)

Benefits

- Qualitative evaluation of specific IgG antibodies
- Positive and negative control sera included
- Simple workflow
- Additional evaluation to the results of ELISA-VIDITEST and MONO-VIDITEST

Our product

CE IVD

REF	Product
ODZ-061	IF-VIDITEST anti-HHV-6 IgG

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