

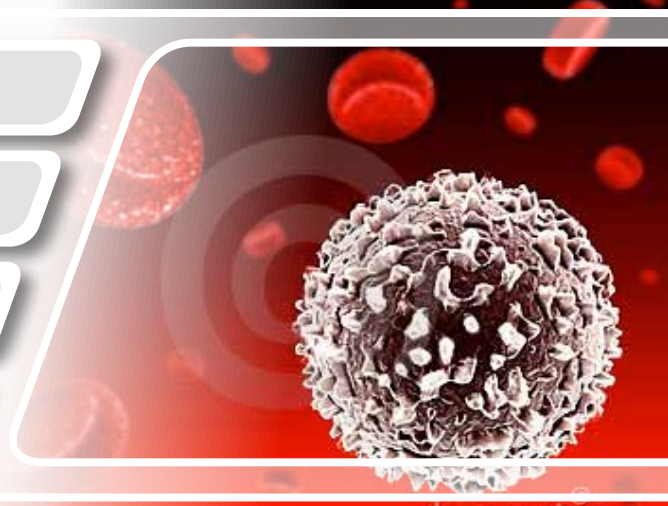
Antigens for cellular immunity testing

Native CMV antigen

Native VZV antigen

Native HSV-1 antigen

Native HSV-2 antigen



Antigens are used in various cellular immunity tests:

- Cytokine release assay (CRA) – ELISPOT, ELISA
- Intracellular cytokine staining assay (ICS)

Intended use:

- Monitoring of virus-specific cellular immunity in patients with high risk of severe infection
- Transplanted patients
- Patients with recurrent infections
- Patients treated with immunotherapy
- Individuals before or after vaccination against VZV

Native antigens for cellular immunity testing

Order no.	Product	Format	No. of tests/Amount
ODZ-312	Native CMV antigen - CI	lyophilized	1
ODZ-313	Native VZV antigen - CI	lyophilized	1
ODZ-314	Native HSV-1 antigen – CI	lyophilized	1
ODZ-315	Native HSV-2 antigen – CI	lyophilized	1
ODZ-312	Native CMV antigen – conc.	lyophilized	0,1 mg
ODZ-313	Native VZV antigen - conc.	lyophilized	0,1 mg
ODZ-314	Native HSV-1 antigen – conc.	lyophilized	0,1 mg
ODZ-315	Native HSV-2 antigen – conc.	lyophilized	0,1 mg

Native CMV, VZV, HSV-1 and HSV-2 antigens – CI are intended for virus-specific T- lymphocytes stimulation in tests of adoptive cellular immunity. They are dissolved in lymphocyte cultivation medium in working concentration and then lyophilized. The antigens are dissolved in sterile distilled water before the test and then patient's leukocytes can be directly added and cultivated.

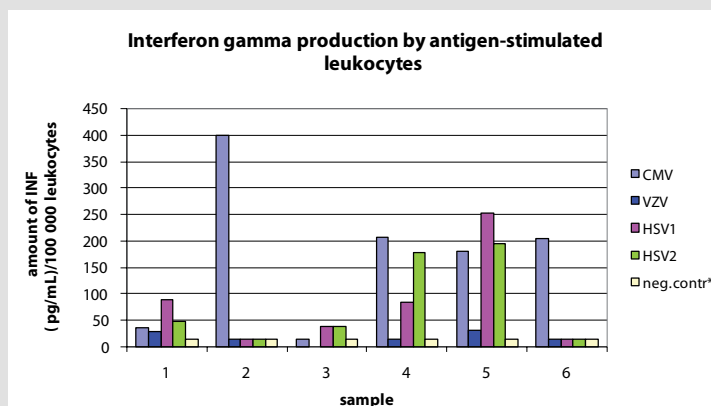
Native CMV, VZV, HSV-1 and HSV-2 antigens – conc. are native lyophilized antigens in the concentrated form (0,1mg).

Specifications of the antigens:

Native CMV antigen:
extract from human embryonal fibroblasts infected with CMV strain AD169

Native VZV antigen:
extract from human embryonal fibroblasts infected with wild type VZV (strain M)

Native HSV-1 and HSV-2 antigens:
extracts from VERO cells infected with HSV-1 (TK-adapted patient's isolate) or HSV-2 (strain 610).



Serostatus of the samples: 1: CMV+,VZV+, HSV+, 2:CMV+VZV+ HSV-, 3: CMV-VZV+HSV+, 4:CMV+VZV+HSV+, 5: CMV+VZV+ HSV+, 6: CMV+VZV+HSV-. *Neg. control = antigen prepared from uninfected cells.

Diagnostic efficiency of the antigens was verified by CRA

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