

Ordering

This test can be ordered by requesting “Herpes type 1/2 serology/typing” on a LifeLabs or any other standard out-patient requisition. The specimen can be collected at any LifeLabs Patient Service Centre. Facilities with their own collection services may perform specimen collection and forward the specimen with the requisition to LifeLabs for testing, according to the Client agreement established with LifeLabs. The results will be reported as positive or negative for HSV-1 and/or HSV-2 antibodies, and will be available within 2 weeks of collection.



LifeLabs has nearly 50 years experience serving the healthcare needs of Canadians.

Our laboratory testing services help physicians and other healthcare providers in the prevention, diagnosis, treatment and monitoring of disease and illness in patients. Our tests help to:

- Determine health risks and preventive steps;
- Diagnose and detect the onset of disease;
- Identify suitable treatments and reactions; and
- Monitor and adjust treatments as required.

Every year across Canada LifeLabs:

- Sees over 10 million patients
- Conducts over 50 million lab tests
- Provides service to nearly 20,000 physicians

We care about helping patients and physicians and we use our knowledge of laboratory medicine to help identify the right course of action to improve healthcare outcomes.



For more information on the menu of tests offered by LifeLabs, or to locate the Patient Service Centre nearest you, please visit our website or contact:

- T: 604 431-5005 • F: 604 412-4444
- toll free at 1-800-663-9422
- email Contract.Service@lifelabs.com
- or visit our website at www.lifelabs.com

LifeLabs 3680 Gilmore Way, Burnaby, BC, Canada V5G 4V8

Herpes Simplex



(Serology Typing 1 / 2)



LifeLabs Herpes Simplex Serology Typing 1 / 2 Test

LifeLabs Medical Laboratory Services offers a convenient, reliable screening test for detecting *Herpes simplex*.

Ask your doctor if it is right for you.



Herpes 1/2 Testing at LifeLabs

LifeLabs Medical Laboratory Services is pleased to offer a serological test for typing of *Herpes simplex* virus (HSV) infections. This test is available to patients across the country, and offers rapid turn-around time and accurate results at a competitive price.



The test is not covered by provincial health care (i.e. OHIP, MSP), and patients will be billed directly for the test. Previously, specimens had to be referred to a laboratory in the United States for

HSV 1/2 serology. This added cost and time. The test performed at LifeLabs provides faster turn-around-time, greater ease of access and reduced costs to patients.

Questions about herpes in general or this test in particular can be directed to Dr. Michael T. Kelly, MD at LifeLabs, 604-412-4435 or toll-free 1-800-663-9422 local 4435.

Herpes 1/2 Infections



HSV infections are very common. Approximately two-thirds of individuals older than 12 years of age have evidence of HSV-1 infection, and 20% of people are infected with HSV-2. HSV infections may be genital or extra-genital, but genital infections are of the greatest concern for patients. HSV is now one of the most common sexually transmitted infections. Traditionally, HSV-1 has been associated with extra-genital infections and HSV-2 with genital infections.

However, it has recently become clear that HSV-1 is increasingly associated with primary genital herpes. It is important to distinguish between HSV-1 and 2 genital infections because HSV-1 is far less likely to cause recurrent genital lesions, and HSV-2 is often associated with recurrent genital lesions as well as asymptomatic shedding of the virus. Individuals may also wish to know their HSV status because HSV negative persons are at risk of acquiring genital herpes from HSV positive partners.

Glycoprotein G-based Serology

Unlike older serology tests that were unreliable, the glycoprotein G-based Immunoblot test that we offer provides reliable detection and typing of HSV-1 and 2 antibodies. The sensitivity of this test is reported to be 91-100%, and the specificity of the test for HSV-1 and 2 is reported to be 93-100%. Seroconversion after primary genital herpes may require up to 16 weeks, so a negative test does not rule out infection. If early infection is suspected in a seronegative patient, the testing should be repeated after 12-16 weeks.



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