Infections

Infectious diseases are disorders caused by organisms; such as bacteria, viruses, fungi or parasites. Many organisms live in and on our bodies. They're normally harmless or even helpful, but some organisms ... See more

Infections

Infectious diseases kill more people worldwide than any other single cause. Infectious diseases are caused by germs. Germs are tiny living things that are found everywhere - in air, soil and water. You can get infected by touching, eating, drinking or breathing something that contains a germ. Germs can also spread through animal and insect bites, kissing and sexual contact. Vaccines, proper hand washing and medicines can help prevent infections. There are four main kinds of germs:

- Bacteria - one-celled germs that multiply quickly and may release chemicals which can make you sick
- Viruses - capsules that contain genetic material, and use your own cells to multiply
- Fungi - primitive plants, like mushrooms or mildew
- Protozoa - one-celled animals that use other living things for food and a place to live

Hide

CYSTICERCUS AN... NEGATIVE

Range: See Comments

CYSTICERCUS ANTIBODY (IGG),WESTERN BLOT,SERUM

Result Comments

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REFERENCE RANGE:  NEGATIVE

INTERPRETIVE CRITERIA:
      NEGATIVE - None of 6 specific bands detected.
      POSITIVE - One or more of 6 specific bands detected.

This assay is a qualitative test for the confirmation of
specific IgG antibodies recognizing Taenia solium, the
agent causing cysticercosis. Detection of antibodies to
any of 6 specific T. solium glycoprotein bands of molecular
weights 50, 42-39, 24, 21, 18, and 14 kilodaltons is
interpreted as a positive result. However, a positive
result without reactivity to the 50 and 42-39 glycoprotein
bands may reflect cross-reactive antibodies induced by
echinococcosis.

A negative test result does not exclude the diagnosis of
neurocysticercosis, particularly if only a single brain
lesion is present. The sensitivity increases from 50% or
less for a solitary brain cyst to greater than 90% if 3 or
more cysts are present.

This test was developed and its analytical performance
characteristics have been determined by Quest Diagnostics.
It has not been cleared or approved by FDA. This assay has
been validated pursuant to the CLIA regulations and is
used for clinical purposes.
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