



CYTOMEGALOVIRUS - Test Code 3426



Turnaround Time: 5 business days



Specimen Type: 1x SST
Blood

Description

The Cytomegalovirus (CMV) Antibodies Test is a blood test used to detect antibodies that the immune system produces in response to cytomegalovirus, a virus from the herpes family. CMV is widespread and generally harmless in healthy individuals. However, it can lead to significant health complications for pregnant women, individuals with weakened immune systems, or those undergoing organ transplants (Griffiths & Reeves, 2021).

Two main types of antibodies are measured, IgM and IgG. IgM antibodies are the first antibodies produced by the immune system in response to a CMV infection. IgM antibodies usually indicates a recent or active infection. Detecting IgM antibodies is particularly important for vulnerable individuals, such as transplant patients or pregnant women, as the virus can be transmitted to the foetus (Griffiths & Reeves, 2021).

IgG antibody detection typically signifies a past infection, as IgG antibodies persist in the body for life. While IgG antibodies confirm exposure to the virus, they do not necessarily indicate an active infection. The presence of IgG antibodies is useful for assessing immunity in people who may be at risk of reactivation, such as those with compromised immune systems (Griffiths & Reeves, 2021).

Whats included?

- CMV IgG
- CMV IgM

Conditions and Symptoms

- Low immunity
- Organ transplants
- Cytomegalovirus infection
- Pregnancy

Complementary Testing

- Cytokine Panel (Test code 4004)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



info@nutripath.com.au



1300 688 522



www.nutripath.com.au

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*See NATA and CLIA website for further details