



# Immuno Diagnostics Pvt. Ltd.

Leading Immuno Assays Laboratory of Northern India

NABL ACCREDITED & ISO 9001:2015 CERTIFIED LABORATORY



|                             |                       |                   |                      |
|-----------------------------|-----------------------|-------------------|----------------------|
| Reference No.               | : - 1912220021        | Age/Gender        | : 34 Yrs/Female      |
| Pt's Name                   | : Mrs. MADHU          |                   | AMB-KOS              |
| Referred By                 | : NA                  |                   |                      |
| Sample Collection Date/Time | : 03-Dec-2019         | Date              | :03-Dec-2019         |
| Sample Receiving Date/Time  | : 03-Dec-2019 05:46AM | Approval Date     | :03-Dec-2019 06:41PM |
| Sample From                 | : KOS DIAG LAB        | Report Print Time | :21-Dec-2019 09:05PM |

## Molecular Biology

| Test Description  | Observed Value | Biological Reference Interval |
|---|----------------|-------------------------------|
| <b>Cytomegalovirus, DNA PCR - Quantitative*</b>   |                |                               |
| CMV Quantitative (Viral load) PCR*<br>Real-time Polymerase Chain Reaction<br>Method : Real Time Polymerase chain Reaction (PCR) | Negative       | Copies/uL                     |

Cytomegalovirus (CMV) is a type of herpes virus that possesses double-helix DNA and an icosahedral capsid. Also called HHV-5, the copy period of the virus is slow and generates cytomegalia. The virus will hide within various organs including lymphoid structures and kidneys. CMV infection at a young age does not significantly affect health. The infection is lifelong, with approximately 10% of the world population spreading the virus through urine, saliva, semen and breast milk. Adult infection occurs primarily through blood transfusion, affected semen or organ transplantation. This type of infection brings forth several symptoms including fever, splenomegaly and liver dysfunction.

### Interpretation :

Sensitivity : 148 IU/ml Sensitivity & Dynamic range : 10<sup>1</sup> X 10<sup>9</sup>

A "DETECTED" result will be reported with quantification in IU/ml. It indicates the degree of active CMV viral replication in the patient.

A "LESS THAN DETECTABLE LIMIT" result indicates that either absence of CMV DNA in patient's specimen or CMV DNA level is below the lower limit of quantification of this assay.

A "Inconclusive Result" indicates that inhibitory substances may be present in the specimen and collection and testing of a new specimen is recommended.

Conversion factor : Result (IU/ml) = Result (copies/ml) X 1

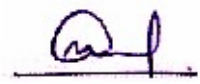
Laboratory is NABL Accredited

\*\*\* End Of Report \*\*\*



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All results should be co-related clinically; if results are alarming or unexpected, contact the laboratory immediately. Not valid for Medico-Legal. Result pertain to the specimen submitted. The Tests with an \* are not accredited by NABL.