

Patient NAME : Mrs Dummy	Report STATUS : Final Report
DOB/Age/Gender : 35 Y/Female	Barcode NO : XXX
Patient ID / UHID : XXX	Sample Type : AMNIOTIC FLUID
Referred BY : Self	Report Date : Oct 14, 2024, 12:32 PM.
Sample Collected : Oct 08, 2024, 07:37 PM.	

Rubella Qualitative PCR

Sample Description: Sample quality is optimum for the test.

Methodology: Real-time Polymerase Chain Reaction.

TEST	RESULT
Rubella Virus	Not Detected

Clinical Significance:

- Rubella is an acute, contagious viral infection. While rubella virus infection usually causes a mild fever and rash in children and adults, infection during pregnancy, especially during the first trimester, can result in miscarriage, fetal death, stillbirth, or infants with congenital malformations, known as congenital rubella syndrome (CRS).
- The rubella virus is transmitted by airborne droplets when infected people sneeze or cough. Humans are the only known host.

Limitations:

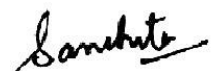
- The results of this test are highly dependent on the sampling technique employed, sample type, cold-chain maintenance and clinical condition.
- Please note that false-negative report may be generated in cases where there is possibility of presence of PCR inhibitors (cannot be traced by technologist) or viral load lesser than the assay lower limit of detection as well as presence of rare genotypes or mutations.
- Please note that false-positive report may be generated in cases where there is possibility of background DNA contamination from pre analytical or in lab environment.
- The assay performance characteristics for this test are determined by STMP which is used for clinical diagnosis.
- There is poor standardization between commercially available PCR tests, and results from different institutions should not be directly compared. Results are best monitored using a single institution.

References:

- De Santis M, Cavaliere AF, Straface G, Caruso A (2006). "Rubella infection in pregnancy". *Reprod. Toxicol.* 21 (4): 390–8.
- Frey TK (1994). *Molecular biology of rubella virus.* *Adv. Virus Res.* *Advances in Virus Research.* 44. pp. 69–160.
- Atreya CD, Mohan KV, Kulkarni S (2004). "Rubella virus and birth defects: molecular insights into the viral teratogenesis at the cellular level". *Birth Defects Res. Part a Clin. Mol. Teratol.* 70(7): 431–7.

NOTE- **This test is processed and validated at the partner lab of Redcliffe Labs.

*** End Of Report ***



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2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
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