ARUP LABORATORIES

800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Chief Medical Officer

Patient Report |**FINAL**

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB	2/18/1996
Gender:	Female
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

Cytomegalovirus Antibody, IgG Avidity
ARUP test code 2011813

CMV IgG Ab Avidity   **0.14**   L   (Ref Interval: >=0.51)

```
INTERPRETIVE INFORMATION: Cytomegalovirus IgG Ab Avidity

0.50 Index or less: Low Avidity
0.51-0.59 Index: Intermediate Avidity
0.60 Index or greater: High Avidity

Identifying CMV infections in pregnant women during the first
trimester is of significant importance for clinical care. Acute
infection is typically characterized by increased CMV-specific
IgM and IgG antibodies. However, CMV IgM antibodies may persist
for several months or even years after initial infection, which
limits their utility in the accurate diagnosis of recent CMV
infection. CMV IgM antibodies can also be detected during viral
reactivation, thus complicating the diagnosis of a recent
primary infection. Therefore, measuring IgG antibody avidity to
CMV antigens can aid in discriminating recent from prior CMV
infections. Index values of 0.5 or less generally indicate
recent infection (within the previous 3 to 4 months). However
low avidity values cannot exclude the possibility of persistent
IgG antibodies with low avidity. Index values of 0.6 or greater
indicate an infection occurring more than 3 months prior to
testing. Because IgG avidity testing for CMV after the first
trimester is not easily interpreted, detection of high avidity
CMV IgG antibodies during the first trimester (12 to 16 weeks
gestation) helps exclude a diagnosis of an acute CMV infection
post-conception.

This test was developed and its performance characteristics
determined by ARUP Laboratories. It has not been cleared or
approved by the US Food and Drug Administration. This test was
performed in a CLIA certified laboratory and is intended for
clinical purposes.
```

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 23-175-111675
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 1 of 2 | Printed: 7/12/2023 2:24:01 PM
4848

ARUP LABORATORIES

800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Chief Medical Officer

Patient Report |**FINAL**

		VERIFIED/REPORTED DATES		
Procedure	Accession	Collected	Received	Verified/Reported
CMV IgG Ab Avidity	23-175-111675	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 23-175-111675
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 2 | Printed: 7/12/2023 2:24:01 PM
4848