

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 8/24/1997  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Cytokine Panel 13, Serum**

ARUP test code 0051394

|  |                     |          |                                    |
|--|---------------------|----------|------------------------------------|
| Tumor Necrosis Factor - alpha, Serum   | <b>8.6 pg/mL</b>    | <b>H</b> | <b>(Ref Interval: &lt;=7.2)</b>    |
| <p><b>INTERPRETIVE INFORMATION:</b> Cytokines Results are used to understand the pathophysiology of immune, infectious, or inflammatory disorders, or may be used for research purposes.</p> <p>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.</p> |                     |          |                                    |
| Interleukin 2, Serum   | <2.1 pg/mL          |          | <b>(Ref Interval: &lt;=2.1)</b>    |
| Interleukin 2 Receptor, Soluble, Serum   | <b>1575.4 pg/mL</b> | <b>H</b> | <b>(Ref Interval: 175.3-858.2)</b> |
| Interleukin 12, Serum  | <b>5.8 pg/mL</b>    | <b>H</b> | <b>(Ref Interval: &lt;=1.9)</b>    |
| Interferon gamma, Serum  | <b>8.2 pg/mL</b>    | <b>H</b> | <b>(Ref Interval: &lt;=4.2)</b>    |
| Interleukin 4, Serum   | <b>3.4 pg/mL</b>    | <b>H</b> | <b>(Ref Interval: &lt;=2.2)</b>    |
| Interleukin 5, Serum   | <2.1 pg/mL          |          | <b>(Ref Interval: &lt;=2.1)</b>    |
| Interleukin 10, Serum  | <b>5.5 pg/mL</b>    | <b>H</b> | <b>(Ref Interval: &lt;=2.8)</b>    |
| Interleukin 13, Serum  | <b>2.9 pg/mL</b>    | <b>H</b> | <b>(Ref Interval: &lt;=2.3)</b>    |

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

|                           |                  |          |                       |
|---------------------------|------------------|----------|-----------------------|
| Interleukin 17, Serum     | <b>2.1 pg/mL</b> | <b>H</b> | (Ref Interval: <=1.4) |
| Interleukin 1 beta, Serum | <6.5 pg/mL       |          | (Ref Interval: <=6.7) |
| Interleukin 6, Serum      | <b>2.3 pg/mL</b> | <b>H</b> | (Ref Interval: <=2.0) |
| Interleukin 8, Serum      | <3.0 pg/mL       |          | (Ref Interval: <=3.0) |

VERIFIED/REPORTED DATES

| Procedure                              | Accession     | Collected        | Received         | Verified/Reported |
|--|---------------|------------------|------------------|-------------------|
| Tumor Necrosis Factor - alpha, Serum   | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 2, Serum                   | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 2 Receptor, Soluble, Serum | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 12, Serum                  | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interferon gamma, Serum                | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 4, Serum                   | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 5, Serum                   | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 10, Serum                  | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 13, Serum                  | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 17, Serum                  | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 1 beta, Serum              | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 6, Serum                   | 23-077-100973 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Interleukin 8, Serum                   | 23-077-100973 | 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: