

Overview

Method Name

Quantitative Multiplex Bead Assay

NY State Available

Yes

Specimen

Specimen Type

Serum

Specimen Required

Specimen Type: Serum

Preferred: Serum gel tube

Acceptable: Plain red top tube

Submission Container/Tube: Plastic vial

Specimen Volume: 1.0 mL

Collection Instructions: Separate from cells within 2 hours of collection. Send 1.0 mL serum frozen in plastic vial. Critical frozen. Additional specimens must be submitted when multiple tests are ordered.

Note: CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.

Specimen Minimum Volume

0.4 mL

Reject Due To

Thawing:	Reject
Other:	Heat-inactivated, refrigerated or contaminated specimens are unacceptable.

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Serum	Frozen	365 days	

Clinical & Interpretive

Reference Values

Tumor Necrosis Factor-alpha:	< or =7.2 pg/mL
Interleukin 2:	< or =2.1 pg/mL
Interleukin 2 Receptor Soluble:	175.3 to 858.2 pg/mL
Interleukin 12:	< or =1.9 pg/mL
Interferon gamma:	< or =4.2 pg/mL
Interleukin 4:	< or =2.2 pg/mL
Interleukin 5:	< or =2.1 pg/mL
Interleukin 10:	< or =2.8 pg/mL
Interleukin 13:	< or =2.3 pg/mL
Interleukin 17:	< or =1.4 pg/mL
Interleukin 1 beta:	< or =6.7 pg/mL
Interleukin 6:	< or =2.0 pg/mL
Interleukin 8:	< or =3.0 pg/mL

Performance

PDF Report

No

Day(s) Performed

Sunday through Saturday

Report Available

3 to 8 days

Performing Laboratory Location

ARUP Laboratories

Fees & Codes

Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

Test Classification

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.

CPT Code Information

83520 x 12

83529

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FCYTP	Cytokine Panel 13, Serum	82335-1

Result ID	Test Result Name	Result LOINC® Value
Z4722	Tumor Necrosis Factor - alpha	3074-2
Z4723	Interleukin 2	33939-0
Z4724	Interleukin 2 Receptor, Soluble	76039-7
Z4725	Interleukin 12	41760-0
Z4726	Interferon gamma	27415-9
Z4727	Interleukin 4	27161-9
Z4728	Interleukin 5	33938-2
Z4729	Interleukin 10	26848-2
Z4730	Interleukin 13	33822-8
Z4731	Interleukin 17	82334-4
Z4732	Interleukin 1 beta	13629-1
Z4733	Interleukin 6	26881-3
Z4734	Interleukin 8	33211-4