

Dear Lab Staff:

We have sent our mutual patient in for some lab tests that might not be ones you see everyday. In the past, some labs have done the wrong tests when they were not sure that we wanted. Here are some definitions. Call us at (410) 957-1550 for help, if needed.

HLA	Immune response genes; (yellow-refrigerate) LabCorp only
Alpha MSH	Melanocyte stimulating hormone (pre-chilled lavender; add 0.5 cc Trasylol, immediate centrifuge, freeze) LabCorp only
DHEA-S	(SST-refrigerate or freeze) Any lab
Leptin	(SST-freeze) Quest
TNF	Tumor necrosis factor alpha (SST, freeze) Specialty only
PAI-1	Plasminogen activator inhibitor-1 (blue, freeze) LabCorp
Anticardiolipin	(SST, refrigerate or freeze) any lab
Antigliadin	(SST, refrigerate or freeze) any lab
MMP-9	Matrix metalloproteinase 9 (freeze, SST) Quest only
VEGF	Vascular endothelial growth factor (lavender, freeze) Quest only
MBP	Myelin basic protein (SST, freeze) Specialty only, no exception
Erythropoietin	(SST, refrigerate) any lab
TTG-IgA	Tissue trans-glutaminase IgA (SST, refrigerate) any lab
Ubiquinone (Co Q10)	(SST, freeze) Quest

Complement assays as follows: USE BALTIMORE CODES

- **C3a** - Activated 3rd component of complement (lav, freeze) **Quest, Baltimore**
- **C3d** - Immune complex (serum, freeze) **Quest, Baltimore**
- **C1q** - Complement immune complexes (serum, freeze) **Quest, Baltimore**
- **C2** - Complement C2 (serum, freeze) **Quest, Baltimore**
- **C4** - Complement (serum, freeze) **Quest, Baltimore**
- **C4d** - Fragment, EIA (lavender, freeze) **Quest, Baltimore**
- **Factor B** - Properdin factor B (serum, freeze) **Quest, Baltimore**

National Jewish Hospital (Denver) Cytokine Panel

TNF; IL-1B; IL 6; IL 10; and Interferon; alpha, beta and gamma
Specimen requirements 2 ml serum and 5 ml plasma (freeze)
Mail to Quest, in Baltimore, they will forward

Please note the cytokine and complement assays need to be sent to the Baltimore lab.

- **Please note all samples for cytokines, complement, MMP-9, VEGF MUST NOT THAW. Send in plenty of dry ice, overnight, next day morning delivery to:**

**Quest Diagnostics Incorporated
1901 Sulphur Spring Road
Baltimore, MD 21227**