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**Reporting Title:** EBV/Lymphoproliferation GenePanel**Performing Location:** Rochester**Ordering Guidance:**

For inborn errors of immunity causing susceptibility to viruses other than the Epstein-Barr virus (EBV), see VIRID / Viral Susceptibility, Defects in Intrinsic and Innate Immunity, Gene Panel, Varies.

Targeted testing for familial variants (also called site-specific or known variants testing) is available for the genes on this panel. See FMTT / Familial Variant, Targeted Testing, Varies. To obtain more information about this testing option, call 800-533-1710.

**Shipping Instructions:**

Specimen preferred to arrive within 96 hours of collection.

**Specimen Requirements:**

Patient Preparation: A previous bone marrow transplant from an allogenic donor will interfere with testing. Call 800-533-1710 for instructions for testing patients who have received a bone marrow transplant.

Submit only 1 of the following specimens:

Specimen Type: Whole blood

Container/Tube:

Preferred: Lavender top (EDTA) or yellow top (ACD)

Acceptable: Any anticoagulant

Specimen Volume: 3 mL

Collection Instructions:

1. Invert several times to mix blood.

2. Send whole blood specimen in original tube. Do not aliquot.

Specimen Stability Information: Ambient (preferred) 4 days/Refrigerated

Specimen Type: Skin biopsy

Supplies: Fibroblast Biopsy Transport Media (T115)

Container/Tube: Sterile container with any standard cell culture media (eg, minimal essential media, RPMI 1640). The solution should be supplemented with 1% penicillin and streptomycin.

Specimen Volume: 4-mm punch

Specimen Stability Information: Refrigerated (preferred)/Ambient

Additional Information: A separate culture charge will be assessed under CULFB / Fibroblast Culture for Biochemical or Molecular Testing. An additional 3 to 4 weeks is required to culture fibroblasts before genetic testing can occur.

Specimen Type: Cultured fibroblasts

Container/Tube: T-25 flask

Specimen Volume: 2 Flasks

Collection Instructions: Submit confluent cultured fibroblast cells from a skin biopsy from another laboratory. Cultured cells from a prenatal specimen will not be accepted.

Specimen Stability Information: Ambient (preferred)/Refrigerated (<24 hours)

Additional Information: A separate culture charge will be assessed under CULFB / Fibroblast Culture for Biochemical or Molecular Testing. An additional 3 to 4 weeks is required to culture fibroblasts before genetic testing can occur.

**Specimen Minimum Volume:**

Blood: 1 mL

Skin biopsy or cultured fibroblasts: See Specimen Required

**Forms:**

1. New York Clients-Informed consent is required. Document on the request form or electronic order that a copy is on file. The following documents are available:

-Informed Consent for Genetic Testing (T576)

-Informed Consent for Genetic Testing (Spanish) (T826)

2. Molecular Genetics: Congenital Inherited Diseases Patient Information (T521)

3. Viral Susceptibility, Lymphoproliferation, and Hemophagocytic Lymphohistiocytosis Patient Information

| Specimen Type | Temperature | Time | Special Container |
|---------------|-------------|------|-------------------|
| Varies        | Varies      |      |                   |

**Ask at Order Entry (AOE) Questions:**

| Test ID | Question ID | Description         | Type       | Reportable |
|---------|-------------|---------------------|------------|------------|
| CULFB   | CG770       | Reason for Referral | Plain Text | No         |
| CULFB   | CG899       | Specimen            | Plain Text | No         |

**Result Codes:**

| Result ID | Reporting Name     | Type         | Unit | LOINC®  |
|-----------|--------------------|--------------|------|---------|
| 619789    | Test Description   | Alphanumeric |      | 62364-5 |
| 619790    | Specimen           | Alphanumeric |      | 31208-2 |
| 619791    | Source             | Alphanumeric |      | 31208-2 |
| 619792    | Result Summary     | Alphanumeric |      | 50397-9 |
| 619793    | Result             | Alphanumeric |      | 82939-0 |
| 619794    | Interpretation     | Alphanumeric |      | 69047-9 |
| 619795    | Additional Results | Alphanumeric |      | 82939-0 |

| Result ID | Reporting Name         | Type         | Unit | LOINC®  |
|-----------|------------------------|--------------|------|---------|
| 619796    | Resources              | Alphanumeric |      | 99622-3 |
| 619797    | Additional Information | Alphanumeric |      | 48767-8 |
| 619798    | Method                 | Alphanumeric |      | 85069-3 |
| 619799    | Genes Analyzed         | Alphanumeric |      | 82939-0 |
| 619800    | Disclaimer             | Alphanumeric |      | 62364-5 |
| 619801    | Released By            | Alphanumeric |      | 18771-6 |

LOINC and CPT codes are provided by the performing laboratory.

## Supplemental Report:

Supplemental

## CPT Code Information:

81443  
88233-Tissue culture, skin, solid tissue biopsy (if appropriate)  
88240-Cryopreservation (if appropriate)

## Reflex Tests:

| Test ID | Reporting Name                      | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---------|-------------------------------------|-----------|----------|------------------|----------------------|
| CULFB   | Fibroblast Culture for Genetic Test |           |          | No               | Yes                  |

## Result Codes for Reflex Tests:

| Test ID | Result ID | Reporting Name      | Type         | Unit | LOINC®  |
|---------|-----------|---------------------|--------------|------|---------|
| CULFB   | 52327     | Result Summary      | Alphanumeric |      | 50397-9 |
| CULFB   | 52329     | Interpretation      | Alphanumeric |      | 69965-2 |
| CULFB   | 52328     | Result              | Alphanumeric |      | 82939-0 |
| CULFB   | CG770     | Reason for Referral | Alphanumeric |      | 42349-1 |
| CULFB   | CG899     | Specimen            | Alphanumeric |      | 31208-2 |
| CULFB   | 52331     | Source              | Alphanumeric |      | 31208-2 |

| Test ID | Result ID | Reporting Name         | Type         | Unit | LOINC®  |
|---------|-----------|------------------------|--------------|------|---------|
| CULFB   | 52332     | Method                 | Alphanumeric |      | 85069-3 |
| CULFB   | 54625     | Additional Information | Alphanumeric |      | 48767-8 |
| CULFB   | 52333     | Released By            | Alphanumeric |      | 18771-6 |

**Reference Values:**

An interpretive report will be provided.