

New In-House PCR Testing:

***Bordetella*, HSV CSF, & cCMV**

Notification Date: August 11th, 2026

Effective Date: August 18th, 2026

Beginning August 18, 2026, ProMedica Laboratories will offer three new in-house molecular assays: (1) HSV PCR (CSF), (2) Congenital CMV Direct PCR and (3) *Bordetella* Direct PCR.

All assays are performed utilizing real-time Polymerase Chain Reaction (PCR) technology on the DiaSorin LIAISON MDX platform.

1. Herpes Simplex Virus (HSV), PCR, CSF

EPIC Order Code: LAB917C

TEST ID: CSF HSV

Clinical Use: Aids in the rapid diagnosis of Herpes simplex virus (HSV) infections through qualitative detection of HSV DNA in CSF specimens. This highly sensitive assay should be considered when clinical suspicion for HSV persists despite a negative meningitis panel.

Specimen Requirements

- **Source:** Spinal fluid (CSF)
- **Volume:** 0.5 mL
- **Container:** Sterile tube
- **Collection instructions:** Send on ice or transport refrigerated at **2–8°C**.
- **Days Performed:** Monday-Sunday
- **CPT Code:** 87529 × 2

Specimen Stability

Temperature	Time
Refrigerated (2–8°C)	7 days
Frozen (-70°C)	> 7 days

2. Congenital CMV Direct PCR (Urine)

EPIC Order Code: LAB2332B

TEST ID: CMV, PCR, URN

Clinical Use: Qualitative detection of *Cytomegalovirus* (CMV) in urine specimens from infants < 21 days of age. Indications may include SGA or a failed hearing screen.

Specimen Requirements

- **Source:** Urine samples should be collected from random urine in a urine bag, container or catheter. Transfer urine to a sterile container. Do not use preservative.
- **Volume:** 0.5 mL
- **Container:** Sterile urine container
- **Collection instructions:** Send to lab **immediately** on ice. Labs to freeze within 8 hours of collection.
- **Days Performed:** Monday-Sunday
- **CPT Code:** 87496

Specimen Stability

Temperature	Time
Refrigerated (2–8°C)	8 hours
Frozen (-20°C)	3 days

3. *Bordetella* Direct PCR

EPIC Order Code: LAB953

TEST ID: BORD DIRECT

Clinical Use: Qualitative detection and differentiation of *Bordetella pertussis* and *Bordetella parapertussis*. This test should be considered when clinical suspicion of *Bordetella pertussis* persists despite a negative Respiratory Pathogen Panel (REPP) or as stand-alone for testing when a REPP is not indicated.

Specimen Requirements

- **Source:** Nasopharyngeal swab.
- **Volume:** Entire Collection
- **Container:** M4RT or UTM.
- **Collection instructions:** Place swab in container. Send on ice or refrigerate at 2–8°C until testing.
- **Days Performed:** Monday-Sunday
- **CPT Code:** 87798 × 2

Specimen Stability

Temperature	Time
Refrigerated (2–8°C)	7 days
Frozen (-70°C)	> 7 days

Contact Information

For questions or additional information, contact

ProMedica Laboratories Customer Service: 419-291-4134