Labs offering testing for CMV in newborns

updated 11.2021

This information is provided as a public service by the Colorado Chapter, American Academy

of Pediatrics (AAP-CO). The information may not be completely accurate and may change over

time. Please forward corrections to ted@aapcolorado.org.

Laboratories are listed alphabetically. All of these labs use CPT code 87497 for quantitative results

and CPT code 87496 for qualitative results.

1. ARUP

<https://www.aruplab.com/testing> client services 800-522-2787

a. test code 0060040 test name CMVPCR for urine or dried blood spot

for **urine**, send in a sterile container, minimum volume 0.5 mL

for **dried blood spot**, 3/16 inch punch

b. test code 2008555 test name CMVPCR SAL for **saliva** **swab**

use ORA Collect OC-100 kit; send at room temperature if <7 days

both tests run every day, result in 1-3 days

The out-of-pocket cost estimator on the ARUP website says the cost for either test is $70.18

2. Children's Hospital Colorado

<https://www.childrenscolorado.org/doctors-and-departments/departments/pathology-laboratory-medicine>

720--777-6711

test code LAB9457 test name CMV PCR, Qualitative

Specimen types for patients ≤ 30 days old:

**urine:** send in a sterile container, minimum volume 0.2 mL

**saliva:** use a standard PCR Swab

Testing days: Monday – Friday

Turnaround time: Same day if received by 7am M-F

By end of day Friday if sample is received after 7am Thursday

By end of day Monday If sample is received after 7a Fri, Saturday or Sunday

Children's Hospital Colorado locations where testing can be performed:

**Anschutz Medical Campus**

13123 E. 16th Ave Aurora, CO 80045

Location: First floor in between Chapel and Financial Counseling office

Phone: 720-777-8175

Fax: 720-777-7125

Monday-Friday 7am-530pm

Saturday 8am-Noon

**Child Health Pavilion**

860 N. Potomac Circle Aurora, CO 80011

Location: First floor across from Child Health Clinic

Phone: 720-777-1686

Monday-Friday 8am-530pm

Closed weekends

**\*\*This location ONLY does urine testing\*\***

**South Campus-Highlands Ranch**

1811 Plaza Drive Highlands Ranch, CO 80129

Location: First floor. The Welcome Desk will send you to Patient Access for check-in

Phone: 720-478-8175

Fax: 720-478-7005

Monday-Friday 7am-530pm

Saturday 8am-Noon

**North Campus - Broomfield**

469 West Highway 7 Broomfield, CO 80023

Location: 1st Floor, check in at Welcome Desk

Phone: 720-478-5125

Fax: 720-777-9731

Monday-Friday 7am-530pm

Saturday 8am-Noon

**Colorado Springs - Briargate**

4125 Briargate Pkwy. Colorado Springs, CO 80920

Location: Second Floor

Phone: 719-305-9256

Fax: 719-305-9738

Monday-Friday 830am-5pm

Closed weekends

3. LabCorp

<https://www.labcorp.com/test-menu>

test code 138693 test name CMV PCR Qualitative

for **urine**, send in a sterile container, volume 0.5 mL , minimum 0.2 mL

no saliva test listed

testing schedule varies by lab, 3-4 day turnaround for result

4. Mayo

<https://www.mayocliniclabs.com/test-catalog>

test code LCMV

a. for **urine**, send in a sterile container, volume 1 mL, minimum volume 0.3 mL

b. for **saliva**, use a Culturette swab in multimicrobe media

Test run every day, report in 1-3 days

5. Quest

[https://questdiagnostics.com](https://questdiagnostics.com/)

a. test code 10601 test name qualitative CMV PCR- **urine** and other specimens

random urine collected in a sterile leak-proof container, minimum volume 0.5 mL

Specimen Stability: Room temperature: 48 hours, Refrigerated: 8 days, Frozen: 30 days

b. test code 37010 test name CMV PCR Qualitative- **saliva**

Preferred Specimen: Saliva collected in an ORACollection OCDC-100 collection device

Collection Instructions

**Precaution:** Saliva samples should be collected at least 30 minutes after eating or drinking.

Contact lab to determine turnaround time

6. Rocky Mountain Hospital for Children, Presbyterian/St Luke's Medical Center

test name: CMV DNA QLSALD

**saliva**: send-out to Quest: see Quest details

**urine**: send-out to Viracor, <https://www.eurofins-viracor.com>

test code: 5502 test name: Quantitative CMV PCR test

Collect 2 ml in a sterile urinalysis container, then transfer to a screw-top tube for shipping

Ship at ambient or frozen temperature Monday to Friday

Turnaround same day Monday - Saturday

7. University of Colorado Hospital Clinical Laboratory

<https://www.testmenu.com/universityhospital>

test code: 3244 test name: CMV by PCR, samples other than whole blood

qualitative result reported for **saliva swab**; use any swabs with plastic shafts and Dacron

or polyester tips- NO cotton tips, NO wooden or metallic shafts

quantitative result reported for all other specimen sources

for **urine**, send in a sterile container, minimum volume 0.5 mL; urine should be collected

by bag, catherization or bladder aspiration (not by a cotton ball in the diaper)

send at 2-8 degrees C if delivery in <72 hours; for >72 hours, freeze at -70 degrees C

and ship on dry ice

Both tests run Mon-Fri