

CMV PCR testing for Utah Public Health Initiative (UCA 26B-7-105)

- Many laboratories currently offer PCR-based CMV testing. Testing should be performed on **saliva¹** or **urine**; NOT BLOOD. **Testing is time-sensitive and must be performed <21 days of age.**
- Each primary care provider should submit specimens through their normal laboratory testing mechanism.
- **Pricing will vary depending on the laboratory and the specific hospital contract.** Primary care providers will need to consult their affiliated hospitals or reference laboratories to obtain pricing information. **Lab testing costs are the responsibility of the family.** They should check with their insurance and the lab to determine their out-of-pocket expense.
- The CPT code for CMV detection (*qualitative*) by PCR is **87496**, and is covered by Medicaid. For those utilizing Eurofins ViraCor Laboratories CMV detection (*quantitative*) by PCR is 87497.

Information on ARUP's CMV PCR tests

Specimen type	Saliva
ARUP Test Name	Cytomegalovirus by Qualitative PCR, Saliva
Short Name	CMVPCR SAL
ARUP Test Code	2008555
Specimen Collection	Collect and submit saliva* in ORACollect OC-100 kit (ARUP supply #49295)
Stability of Specimen	Ambient: 7 days; Refrigerated: 7 days; Frozen: 3 months
Reported	2-5 days
NOTE:	If a saliva specimen is received in a collection device different from the specified device (#49295), specimen will still be tested but patient report will include a non-validated specimen disclaimer.

Specimen type	Urine
ARUP Test Name	Cytomegalovirus by PCR
Short Name	CMV PCR
ARUP Test Code	0060040
Specimen Collection	Collect and submit 1 mL urine. Sterile urine container, no preservative.
Stability of Specimen	Ambient: 8 hrs; Refrigerated: 72 hrs; Frozen 3 months
Reported	2-5 days

¹ A positive PCR on saliva requires a confirmatory PCR on urine.

- Logistical questions:
 - Please contact ARUP's Account Executive: Scott Blaylock (scott.blaylock@aruplab.com) (801) 583-2787 ext 2672

- **How to obtain the saliva* collection kit (ORAcollect OC-100):**
 - **[Option 1]** If your facility or affiliated hospital is an ARUP client, kits can be obtained through ARUP eSupply.
 - Access eSupply in ARUP Connect or contact Client Services at (800) 522-2787, clientservices@aruplab.com or chat online.
 - Not yet enrolled at ARUP Connect? Visit <https://www.aruplab.com/testing/client-supply> to find out more about how ARUP Connect can work for you.
 - Please specify ARUP supply #49295 and number of collection kits required.
 - **[Option 2]** If kits are not obtained from ARUP as a client supply:
 - Kits can be purchased in bulk from DNA Genotek.
 - Sales Contact: Alexandra Lavigne (1-866-813-6354 x 2286)
 - Shelf life is 24 months from the date of manufacture.

Order Volume	Cost + shipping
25 kit minimum order	\$9.50/kit + \$50 handling fee + shipping cost
50+ kits	Same as above, no minimum handling fee
Bulk orders (≥ 200 kits)	Volume discounts may apply; contact DNA Genotek

This is standard US Commercial pricing.

OraCollect OC-100 Saliva Collection Training Video:

https://www.youtube.com/watch?v=XMdDeusQ_IY

(Remember to avoid breastmilk in the infant's mouth for at least two hours prior to saliva collection)

Cytomegalovirus testing by PCR is also available at these other laboratories

Laboratory	LabCorp
Specimen type	Urine
Test Name	Cytomegalovirus (CMV), Qualitative, PCR
Test Code	138693
Specimen Collection	Collect and submit 0.5 mL urine. Sterile urine container, no preservative
Stability of Specimen	Refrigerated or frozen, stable for 7 days

Laboratory	Quest
Specimen type	Urine
Test Name	Cytomegalovirus DNA, Qualitative, Real-Time PCR
Test Code	10601
Specimen Collection	Collect and submit 1 mL random urine. Sterile urine container, no preservative
Stability of Specimen	Refrigerated 8 days

Laboratory	Eurofins ViraCor Laboratories
Specimen type	Urine (quantitative only); Saliva* (qualitative)
Test Name	Cytomegalovirus (CMV) Quantitative Real-time PCR
Test Code	Quantitative Urine: 5502 Qualitative Saliva: 5571
Specimen Collection	Collect and submit 2 mL random urine. Sterile urine container, no preservative. Saliva* swab placed in tube with 1 ml of Universal Transport Media; do not use alginate or wood shafted swab.
Stability of Specimen	Refrigerated 7 days

Laboratory	Intermountain
Specimen type	Urine or saliva
Test Name	Cytomegalovirus (CMV) by Qualitative PCR
Test Code	CMVPCR (urine); CMVSLV (saliva)
Specimen Collection	Collect and submit 1-3 mL urine; Saliva* swab ORAcollectOC-100
Stability of Specimen	Refrigerated 7 days

***Avoid giving breast milk to infants within 2 hours of saliva collection.**