



County of Fresno

DEPARTMENT OF PUBLIC HEALTH

David Pomaville, Director
Dr. Ken Bird, Health Officer

Instructions for Providers

FIRST -Report a CMR to the Public Health Communicable Disease Investigations (CDI) Program. Public Health approval is NOT required for testing.	A complete Confidentiality Morbidity Report (CMR) with travel, symptoms, and pregnancy status MUST be faxed for ALL suspect Zika virus infection patients.	CMRs are to be faxed to CDI at (559) 600-7607
All inquiries regarding Zika and Zika testing are directed to the Communicable Disease Investigations (CDI) Program.	Hours of Operation are Monday through Friday, 8:00am to 5:00pm.	CDI can be reached at (559) 600-3332
<p>It is advised to collect the following specimens for Zika testing:</p> <ol style="list-style-type: none">1.)Serum PCR- collect within 2 weeks of symptom onset2.)Urine PCR- collect within 3 weeks of symptom onset3.)Serology-collect after 1 week of symptom onset or if asymptomatic		

Promotion, preservation and protection of the community's health

1221 Fulton Mall /P. O. Box 11867, Fresno, CA 93775

(559) 600-3200 • FAX (559) 600-7687

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Testing Information and Requirements

Triplex rRT-PCR for Detection of Zika, Chikungunya, and Dengue Virus RNA

The Triplex rRT-PCR for Detection of Zika, Chikungunya, and Dengue Virus RNA, available under Emergency Use Authorization (EUA), offers qualitative detection and differentiation of RNA from Zika, Dengue and Chikungunya viruses in human serum and CSF, and qualitative detection of RNA from Zika in urine and amniotic fluid. It is intended for use with individuals meeting CDC Zika virus clinical or epidemiological criteria. Testing is performed at no charge.

For more information on case criteria visit <http://www.cdc.gov/zika/hc-providers/index.html>

Test Name	Sample Type	Minimum Volume	Agents Tested	Reflex Testing
Triplex rRT-PCR (Zika/Dengue/Chik) Serum	Serum *	2.0 ml	Zika/Dengue/Chik	Negative PCR serum is reflexed to Zika serology (IgM)
Triplex rRT-PCR (Zika/Deng/Chik) Urine, CSF, Amniotic Fluid	Urine*	2.0 ml	Zika Only	None
	CSF*	1.0 ml	Zika, Chik, Dengue	None
	Amniotic Fluid*	2.0 ml	Zika Only	None

*FCPHL does NOT recommend open manipulation of specimens for the purposes of splitting, etc.

BOTH Serum and Urine REQUIRED:

Minimum requirements for testing are BOTH serum and urine for every patient. Contact the laboratory if BOTH serum and urine are not available. CSF or amniotic fluid can be submitted for testing, as long as serum and urine are also provided.

Test order instructions

The Triplex rRT-PCR (Zika/Deng/Chik) assay is ordered electronically on the VRDL submittal forms website.

- 1.) Go to <https://www.cdph.ca.gov/programs/vrdl/Pages/CurrentVRDLSpecimenSubmittalforms.aspx>.
- 2.) Under General, click on the General Purpose Specimen Submittal Form (PDF)
- 3.) This is fillable document. Use the down arrows to the right of the boxes to click the appropriate dates.
- 4.) If you do not have a Submitter Specimen #or CalREDIE Incident # then leave this box blank.
- 5.) In the Public Health Department Submitter box, arrow down and select Fresno County.
- 6.) After typing in all required information, at the bottom of the form type in your:
 - a. Original Submitting Facility Name and Phone Number and
 - b. Original Submitting Physician Name and Fax Number
- 7.) This helps to ensure that the faxed reports are sent back to the Submitting Facility and Physician.
- 8.) Print the document and send it with the specimens to the Fresno County Public Health Laboratory.
- 9.) Please provide additional documents (health and travel history reports) if available.

Results

Trioplex rRT-PCR (Zika/Deng/Chik) results will be available immediately upon test completion. Results are also faxed automatically to the submitting laboratory.

Specimen Storage and Shipping:

Store all specimens at refrigerated temperature and ship to the Fresno County Public Health Lab using cold packs, within 24 to 72 hours of collection. Package clinical specimens (serum, urine, amniotic fluid or CSF) as Biological Substance, Category B, UN3373. Contact the laboratory at (559) 600-6370 if you need guidance on proper packaging and shipping.

Ship Specimens via Overnight or Same-Day Courier To:

Fresno County Public Health Laboratory

1221 Fulton Mall

Fresno, CA 93721

Phone: (559) 600-6370

Fax: (559) 600-7718