



Los Angeles County Public Health Laboratory

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Phone (562) 658-1300 Fax (562) 401-5999

Arbovirus Real-Time PCR (8/5/16)

Other Name(s)	CDC Trioplex RT-PCR (Dengue, Chikungunya, Zika virus)
Sunquest Test Code	TRPCR
Pre-Approval Required	No
Supplemental Information and Required Form(s)	Los Angeles County PHL Test Request Form http://www.publichealth.lacounty.gov/lab/labforms.htm
Required Specimen Type(s)	Serum collected within 7 days of symptom onset Urine (random) collected within 14 days of symptom onset CSF, amniotic fluid, tissue, cord blood by consultation only; CSF, urine and amniotic fluid each must be tested collected alongside a patient-matched serum specimen.
Minimum Volume Required	<u>PCR can detect Dengue, Chikungunya, Zika virus</u> Serum 5-7 mL CSF 2mL <u>PCR can detect Zika only</u> Urine 10-20 mL Amniotic fluid 5-10 mL Cord blood 5-7 mL Tissue 1cm ³
Storage/Transport Conditions	Store specimens at 4-8°C and ship to laboratory immediately on cold pack. Ship formalin fixed samples at room temperature.
Transport Medium	Transport medium not applicable.
Specimen Labeling	Test subject to CLIA regulations and requires two unique patient identifiers on the primary specimen container and the test requisition including patient ID, date of collection, submitter information, and specimen ID number. The identifiers must be clearly labeled on specimen and must match to information on the requisition form.
Shipping Instructions and Specimen Handling Requirements	Contact public health laboratory for assistance with courier at 562-658-1460 during business hours. After hours, contact the County Operator at 213-974-1234 and ask for the Public Health Laboratories Director.
Test Methodology	Real-time PCR
Turnaround Time	7 business days for urine, csf, serum/cord blood, and amniotic fluid Tissue specimen types are sent out testing to CDC
Interferences & Limitations	Negative PCR results do not necessarily rule out Zika virus. Additional specimen may be required for IgM serology.
Additional Information	Emergency Use Authorization Test
Reference Range	Not detected
CPT Code(s)	87801