

Instructions for Zika (pregnant mother at time of birth)

Los Angeles County Public Health Laboratories

12750 Erickson Avenue, Downey, CA 90242

After Hours, call County Operator at 213-974-1234 and ask for Dr. Nicole Green (Laboratory Director)

1. Complete Zika epidemiological and test request form and send with specimens
<http://publichealth.lacounty.gov/acd/Diseases/EpiForms/ZikaInfoTestReq.pdf>
2. Complete a **test request form for each specimen type**. You will need multiple forms since are several specimen types.

SPECIMEN	GENERAL INSTRUCTIONS	NOTES	STORAGE
Placenta and fetal membranes (fixed)	Several full thickness pieces including at least 3 full thickness pieces (0.5–1 cm x 3–4 cm in depth) from middle third of placental disk and at least 1 from the placental disk margin 5 x 12 cm strip of fetal membranes Please include sections of the placental disk, fetal membranes, and pathologic lesions when possible.	Please include information about placenta weight and sample both maternal and fetal side of the placenta Label all specimens to identify location of sample Fix specimens in formalin Volume of formalin used should be about 10x mass of tissue. Place in 10% neutral buffered formalin for a minimum of 3 days. Order histopathology	Storage and transport at room temperature for fixed specimens
Umbilical cord	2.5 cm segments of cord At least 4 specimens Umbilical cord segments should be obtained proximal, middle, and distal to umbilical cord insertion site on the placenta	Label all specimens to identify location of sample. Fix specimens in formalin Volume of formalin used should be about 10x mass of tissue. Place in 10% neutral buffered formalin for a minimum of 3 days Order histopathology	Storage and transport at room temperature for fixed specimens
Infant urine	1-5 mL in sterile container (bagged urine transferred to sterile container)	Collection recommended within first 2 days after birth. Specimens collected up to 12 weeks will be tested. Order PCR	Store in fridge Transport on cold pack
Infant serum	At least 1mL collected in red top pediatric microtainer tube	Collection recommended within first 2 days after birth. Specimens collected up to 12 weeks will be tested. Order PCR and serology	Store in fridge Transport on cold pack