

Toxoplasma gondii DNA, Qualitative Real-Time PCR

 Order Name: **TOXO PCR**

Test Number: 5592225

Revision Date: 12/06/2022

TEST NAME	METHODOLOGY	LOINC CODE
Toxoplasma gondii DNA, Qualitative Real-Time PCR	Polymerase Chain Reaction/Real Time	

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1 mL (0.2mL)	Whole Blood	EDTA (Lavender Top)	Refrigerated
Alternate 1	1 mL (0.2mL)	Whole Blood	ACD Solution A or B (Yellow Top)	Refrigerated
Alternate 2	1 mL (0.2mL)	CSF (Cerebrospinal Fluid)	Sterile Screwtop Container	Refrigerated
Instructions	Specimen Type: Sterile container (CSF), lavender-top (EDTA) tube, OR yellow-top (ACD) tube Specimen Storage: Whole blood is STABLE at room temperature or refrigerated for seven days; DO NOT freeze. CSF is STABLE at room temperature or refrigerated for seven days, FROZEN for 90 days. refrigerated for 14 day and FROZEN for 90 days. Specimen Collection: To avoid delays in turnaround time when requesting multiple tests on frozen samples, PLEASE SUBMIT SEPARATE FROZEN SPECIMENS FOR EACH TEST REQUESTED. Specimen Stability: Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available			

GENERAL INFORMATION

Testing Schedule	Tue, Fri
Expected TAT	1-5 days
Clinical Use	Toxoplasma gondii, an obligate intracellular parasite, is an important opportunistic pathogen of immunosuppressed patients. In AIDS patients and transplant patients, this infection may result in a life-threatening encephalitis. <i>T. gondii</i> can also cause a fatal infection of the fetus if an infection is acquired during pregnancy. Fetal death or major abnormalities such as blindness and mental retardation may occur when infection is acquired during the first trimester. PCR methods may be useful in identifying <i>T. gondii</i> in CSF of immunosuppressed patients or in the amniotic fluid of mothers thought to be recently infected.
Notes	Labcorp Test Code: 138602
CPT Code(s)	87798
Service Provided By	 labcorp Oklahoma, Inc.