

Reporting Title: Plasmodium Percent Parasitemia Rflx

Performing Location: Rochester

Specimen Requirements:

Only orderable as a reflex. For more information see LMALP / Malaria PCR with Parasitemia Reflex, Varies.

Specimen Type: Blood films

Container/Tube: Clean, grease-free slides in plastic slide container

Specimen Volume: 2 Thin blood films and 2 thick blood films

Collection Instructions:

1. Blood films should be made from fresh blood using fingerstick or drops of blood from needle following venipuncture. However, EDTA anticoagulated blood is also acceptable.
2. Prepare thin blood films as follows:

a. Prepare a thin film with a "feathered edge" that is no more than a single cell thick.

b. Allow the film to thoroughly air dry and then fix by briefly immersing in either absolute or 95% methyl alcohol.

c. Allow to air dry after fixation.
3. Prepare thick blood films as follows:

a. Place a large drop of blood (approximately the size of a dime and preferably from a fingerstick) on a slide.

b. Using a corner of a second slide, spread the drop in a circular motion while applying firm pressure to literally scratch the blood onto the carrier slide. This technique allows the blood to dry quickly and adhere well to the slide. Use approximately 20 circular sweeps with the second slide. The drop of blood should be about the size of a quarter when finished.

c. **Do not fix.** Air dry thoroughly (approximately 45 minutes) before placing in transport container.

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	7 days	
	Ambient	7 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
MALCT	Plasmodium Percent Parasitemia Rflx	Alphanumeric		53556-7

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

87207

Reference Values:

Only orderable as a reflex. For more information see LMALP / Malaria PCR with Parasitemia Reflex, Varies.

A percent parasitemia is provided following a positive result for LMALP / Malaria PCR with Parasitemia Reflex, Varies.