



BLOOD SPECIMEN COLLECTION, TRANSPORTATION AND STORAGE

ROUTINE BLOOD TEST REQUESTS: Syphilis, Hepatitis, QuantiFERON

Molecular Biology/Immunology/Surveillance Section

Test		Test to be Performed	CPT code	Accepted Specimens (minimum volume)	Transport Temperature	Normal Values	Comments	Turn around time
Syphilis	RPR	RPR	86592	Whole Blood (red-top) or with serum separator: 2 ml; Centrifuge to separate serum if transport is delayed more than 2 days. Serum: 1ml; Freeze if transport is delayed more than 5 days.	Room temperature or cold pack	Negative	Reactive RPR reflexes to RPR titer and TPPA.	7 days
	RPR Titer	Syphilis Monitoring (RPR Titer)	86593			Negative	Titer may be requested to follow Syphilis treatment.	7 days
	TPPA	TPPA	86780			Negative	TPPA on reactive RPR results or by provider request.	7 days
	Syphilis EIA	Syphilis Screening (EIA)	86780			Negative	Reverse Syphilis Algorithm. Reactive EIA reflexes to RPR.	10 days
Hepatitis	Hepatitis A IgG EIA	Hepatitis A Total Antibody	86708	Whole Blood (red-top) or with serum separator: 2 ml; Centrifuge to separate serum if transport is delayed more than 2 days. Serum: 1ml; Freeze if transport is delayed more than 5 days.	Room temperature or cold pack	Negative	Positive indicates prior or current infection.	10 days
	Hepatitis A IgM EIA	<i>Reflex only</i>	86709			Negative	Only done if Hepatitis A IgG is reactive. Positive indicates acute infection.	10 days
	Hepatitis B Surface Antibodies EIA	Hepatitis B Surface Antibody	86706			Negative	Positive indicates previous infection or immunization.	10 days
	Hepatitis B Core Total Antibodies EIA	Hepatitis B Core Total Antibody	86704			Negative	Positive indicates current or previous infection.	10 days
	Hepatitis B Surface Antigen	Hepatitis B Surface Antigen	87340			Negative	Repeatedly reactive samples are confirmed with an HBsAg neutralization test. Positive indicates current infection or carrier status.	10 days
	Hepatitis C Antibody EIA	Hepatitis C Antibody	86803			Negative	Initially reactive samples are repeated in duplicate. True positives have signal/cut-off ratios > 3.8. Low positives should be confirmed with additional testing.	10 days
QuantiFERON-TB Gold Plus		Quantiferon	86480	Whole Blood in Lithium Heparin (green-black top): 5 ml; or, Set of 4 Quantiferon tubes, drawn in order.	Cold Pack	Negative	Heparin tubes may be refrigerated up to 48 hours before arrival at laboratory. Quantiferon tubes must be received at laboratory within 16 hours of collection or incubated 16-24 hours before transport.	3 days