

TEST:	Ehrlichia serology
Synonym:	Human Monocytic Ehrlichiosis (HME) Human Granulocytic Anaplasmosis (HGA)
Laboratory/Phone:	443-681-3938/3931
Turnaround Time:	5 days
Specimen Required:	Serum
Specimen identification:	Label tube with patients first and last name
Specimen Volume (Optimum):	2 ml.
Specimen Volume (Minimum):	1 ml.
Collect:	RT vacutainer
Form:	DHMH 4677
Packaging and Shipping:	See packaging for transport instructions in Guide
Transport Conditions:	Ambient temperature for specimens on the blood clot, separated serum at 2-8°C (refrigerated) or -20°C (frozen).
Specimen Rejection Criteria:	Hemolysis; insufficient volume, specimen collected > 5 days prior to arrival without being frozen
Availability:	Monday through Friday
Results and Interpretation:	NEGATIVE —Titer < 1:80 POSITIVE —Titer > 1:320 probable recent infection INDETERMINATE —Titer >1:80 but <1:320, possible early infection/past exposure with falling titers or cross-reactivity with related organism.
Reference Range:	N/A
Additional Information:	
Purpose of Test:	Detect antibodies to HME & HGA
Method:	IFA
Interfering Substances:	Icteric, hemolyzed, lipemic or heat inactivation specimen
Testing Site:	DHMH. Laboratories Administration, Central Laboratory 1770 Ashland Avenue, Baltimore, MD 21205
Comment:	May not detect a recent infection, or infection in a person with a severely compromised immune system. Cross reaction between <i>E. chaffeensis</i> , <i>E. canis</i> & <i>E. ewingii</i> by IFA can occur