



Gel Diffusion Test Specifications

Test Code: See Catalogue

CPT CODE	86331
SPECIMEN REQUIREMENT	
Type:	Serum
Volume:	0.5 mL 1-10 tests
Handling:	
Storage:	Ambient
Shipping:	No special shipping requirements
METHODOLOGY	Immunodiffusion in Gel
SET-UP SCHEDULE	Tuesday and Friday NOTE: The set-up schedule is subject to change without notice or when a holiday falls on a week day.
STANDARD TURNAROUND TIME	3-5 business days from receipt of specimen
CLINICAL UTILITY	The measurement of serum precipitins by gel diffusion is a commonly used technique to assess exposure and sensitization to various antigens. Serum precipitins are antibodies that form visible lines with their corresponding antigen when they diffuse toward each other in agarose gel. They are usually of the IgG or IgM class. In general the detection of antibodies by gel diffusion will be less sensitive than enzyme immunoassays (ELISA methods). The interpretation of a positive gel diffusion test (i.e. the presence of serum precipitins) must be made by the physician in context of the patient's history and clinical findings. The test was developed and its performance characteristics determined by IBT Reference Laboratory. *It has not been cleared or approved by the FDA.
STABILITY	1 week ambient, 2 weeks refrigerated, 1 year frozen.