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Specimen Information

AAS19-3003-0000294

Date Collected: 4/03/2019 10:30  
Date Received: 4/05/2019 12:04  
Date Reported: 4/05/2019 12:05

Patient Information

Physician Information

Name: Test Patient  
Date of Birth: 12/07/2010  
Requisition #: SampleReport  
Provided diagnosis codes: DB1.  
Clinical History:

Sex: Male  
Age: 8

TESTING  
TESTPRACTICECREATEDON08/11  
123 NOWHERE STREET  
ANYWHERE CITY, VA 23294  
Phone: 804-965-9225  
Fax: 804-545-1686

Asparaginase Results

Patient MRN: 123987

Sample ID: 25897

Calibration of the asparaginase assay is dependent on the exact formulation of L-asparaginase administered to the patient.  
Reference Range = 0 IU/mL

ACTIVITY

If the administered drug was Erwinaze , the asparaginase activity is: 0.58 IU/mL

If the administered drug was Oncaspar , the asparaginase activity is: 0.25 IU/mL

ANTIBODIES

Asparaginase-Antibodies are: Detected

COMMENTS:

Assay Methodologies and Limitations of Asparaginase

Asparaginase Enzyme Activity Quantification Assay utilizes a spectrophotometry/absorbance based enzyme-coupled kinetic reaction. Measurements of unknown samples are made against a standard curve generated from *E. coli* L-asparaginase with each run. Calculations for Erwinaze® and Oncaspar® were empirically derived and utilize a correction factor that has been correlated to the *E. coli* L-asparaginase activity.

This test was developed and its performance characteristics determined by Granger Genetics. It has not been cleared or approved by the FDA. The laboratory is regulated under CLIA as qualified to perform high-complexity testing. This test is used for clinical purposes. It should not be regarded as investigational or for research.

The Asparaginase antibody assay is only intended to report the presence or absence of antibodies against Asparaginase. This assay does not specifically identify neutralizing antibodies.

Test performed at Granger Genetics.