

Antithrombin Assay

Synonyms

AA, AT3, Antithrombin 3

Clinical Indication

Clinical / family history of thrombotic episodes.

Please refer to Thrombophilia clinic or d/w Consultant haematologist BEFORE making request.

NOT available immediately post thrombosis or while patient on anticoagulant therapy.

It is strongly suggested to request a Thrombophilia screen rather than Antithrombin assay unless investigating a known low Antithrombin.

Patient should be bled with minimal stasis.

Part of Profile / See Also

Thrombophilia Screen

Request Form

Combined Pathology manual blood request form or ICE request

Availability / Frequency of Analysis

Work performed and batched fortnightly. Please provide samples between 9:00 and 17:00 weekdays.

Turnaround Time

2 weeks

Patient Preparation

Samples should be taken with minimal stasis and should not be on anticoagulant therapy.

Sample Requirements

Specimen Type

Fresh citrated Blood (within 2 hours of collection)

Volume

Collection tube must be filled to 'fill mark' on side of bottle.

Container



Blue Capped Vacutainer tube



Paediatric Blue Top (Sodium Citrate) tube

Haemolysis or stasis during venepuncture should be avoided.

Reference Range & Units

Antithrombin: (77%-111%)

Interferences

Lipaemic & Icteric samples, Acute phase response, on Oral Anticoagulation

Interpretation & Clinical

Decision Value (if applicable)

See individual report for interpretation and reference range. For guidance contact Consultant Haematologist.

References

Werfen kit inserts

Test code

AA

Lab Handling

Samples double spun and frozen.