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| **Heparin Induced Thrombocytopaenia PF-PTD-164** | | | |
| **Synonyms** | |  | HIT Test |
| **Clinical Indication** | |  | Patients receiving heparin with falling platelet count. |
| **Part of Profile / See Also** | |  | Screening for antibodies against the heparin/platelet Factor 4 complex. |
| **Request Form** | |  | Combined Pathology manual blood form or ICE request. Please send a completed ‘4Ts’ Pre Test Scoring System for HIT form ([click here](https://qpulse.ipp-uk.com/QPulseDocumentService/Documents.svc/documents/active/attachment?number=PF-HAE-LF-15)) |
| **Availability / Frequency of Analysis** | |  | On request when accompanied by completed 4T assessment form. Please contact the haematology laboratory, sample must be received within 2 hours of collection.  Referred test: Samples are sent to Barts & Royal London for testing. |
| **Turnaround Time** | |  | Samples are sent to Reference laboratory (24hours to 1 week). |
| **Patient Preparation** | |  |  |
| **Sample Requirements** | |  |  |
|  | **Specimen Type** |  | Serum & Whole blood (Citrate) |
|  | **Volume** |  | Sodium citrate tube must be filled to ‘fill mark’ on side of bottle. This is critical |
|  | **Container** |  | 2 x Red Top (Plain) tube (min. 1 sample)  2 x Paediatric Red Top (Plain) tube  and2 x Blue top (sodium citrate) tube  2 x Paediatric Blue Top (sodium Citrate) tube  Sample must be received by lab within 2 hours of collection. |
| **Reference Range & Units** | |  | Positive or Negative |
| **Interferences** | |  | Haemolysis, lipaemic, icteric samples |
| **Interpretation & Clinical**  **Decision Value (if applicable)** | |  | This test screens for the presence of HIT antibodies. Interpretation as to the clinical likelihood of HIT should only be made in conjunction with a decreased platelet count and the clinical signs and symptoms observed in the patient. (see the 4Ts score form) |
| **References** | |  | Test package insert  Email correspondence from diaSL (DiaSL@diamed.com) |
| **Test code** | |  | HITS |
| **Lab Handling** | |  | Processed on receipt. Save serum samples as instructed in SOP. Samples are sent directly to referral laboratory for testing. |

