

Partial Thromboplastin Time, Activated

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Reference Range

Partial thromboplastin time (PTT) and activated partial thromboplastin time (aPTT) are used to test for the same functions; however, in aPTT, an activator is added that speeds up the clotting time and results in a narrower reference range. The aPTT is considered a more sensitive version of the PTT and is used to monitor the patient's response to heparin therapy.

The reference range of the aPTT is 30-40 seconds.

The reference range of the PTT is 60-70 seconds.

Critical values that should prompt a clinical alert are as follows:

- aPTT: More than 70 seconds (signifies spontaneous bleeding)¹
- PTT: More than 100 seconds (signifies spontaneous bleeding)^{1,2]}

 **medicine**

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Anchor Name: reference ranges [AOJE (Anthony Ojeil)]