

# Thrombin time

The thrombin time (TT), also known as the thrombin clotting time (TCT) is a [blood test](#) that measures the time it takes for a [clot](#) to form in the [plasma](#) of a blood sample containing [anticoagulant](#), after an excess of [thrombin](#) has been added.

It is used to diagnose blood [coagulation](#) disorders and to assess the effectiveness of [fibrinolytic therapy](#). This test is repeated with pooled plasma from normal patients. The difference in time between the test and the 'normal' indicates an abnormality in the conversion of [fibrinogen](#) (a soluble protein) to [fibrin](#), an insoluble protein

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