

# Total hemolytic complement activity CH50

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## General :

Screening test of the total activity of the complement system. If the hemolytic activity is missing or if it is strongly reduced, a complement deficiency has to be considered. This could also occur as a consequence of substantial activation. Increased local activation of the complement system can lead to tissue damage or to anaphylactic reactions.

Indication: Detection of activation of the complement system, monitoring patients at risk (e.g. after polytraumas, burning, sepsis and transplantations);

Material: 1 ml serum, **frozen**

Preanalytics: After blood collection, allow the blood to coagulate completely at room temperature (Do not cool!). Decant the serum immediately after centrifugation, freeze the serum at minus 20°C (-20°C) and store/transport the sample frozen.

TAT: 7-10 days\*

Method: TURB

Units: U/ml

Ref.- range: 41.7 - 95.1

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>