

Anticoagulant Line

HIT



**HIT
range**

STic Expert[®] HIT

For suspected Heparin Induced Thrombocytopenia

- Allows **exclusion** of HIT when combined with the pretest clinical score
- **IgG specific**
- **Unitary test, very easy** to use
- Result available in **10 minutes**



Stago

STic Expert[®] HIT

High level of performances

100% NPV^[1]

combined with a pretest clinical score^[2], allows clinicians to **exclude HIT** which means:

- ▶ Heparin therapy **can be continued**
- ▶ reduction of **bleeding risks and costs** associated with alternative anticoagulants^[3]

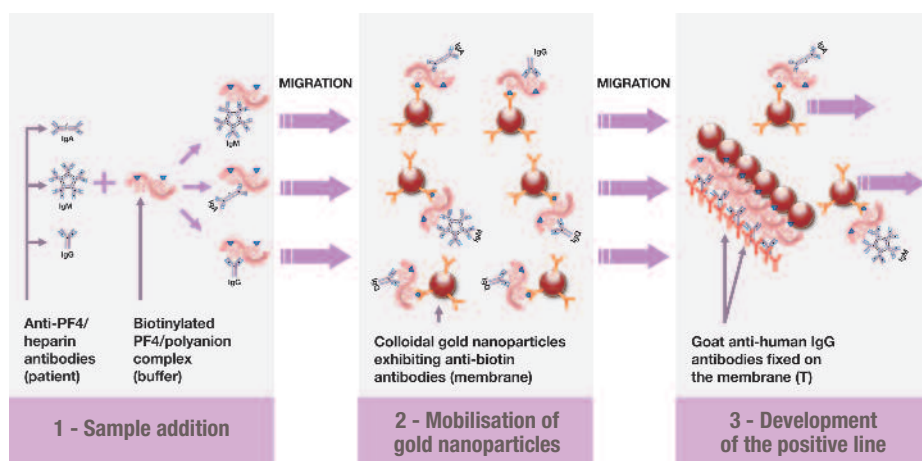
IgG isotype: 93% specificity^[1]

- ▶ reduces **overdiagnosis** of HIT^[3]
- ▶ reduces number of **confirmation tests**

Unitary test, easy to use and rapid

- ▶ available **24/7, STAT**
- ▶ adapted to **any type of laboratory tests**
- ▶ reduces **cost** of HIT **outsourcing tests**
- ▶ no need for **extra equipment**

Test principle: positive example



1- Sample addition

Patient's IgG, IgA, IgM antibodies bind biotinylated PF4/polyanion complexes.

2- Mobilization of gold nanoparticles

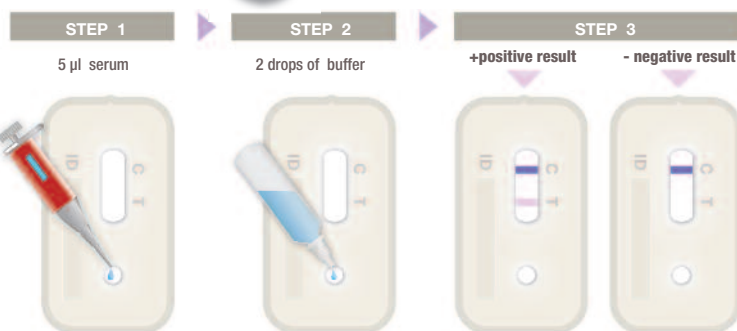
Anti-biotin antibodies from gold nanoparticles bind to the biotin of the immune complexes.

3- Development of the positive line

Goat anti-human IgG antibodies fixed on the membrane retain specifically the immune complexes with **IgG isotype**.

Other immune complexes (IgA, IgM isotypes) and free gold nanoparticles migrate as far as the **control line (C)** where specific antibodies will bind them. The development of the control line **validates the test**.

Ease of use



2 packaging sizes available

STic Expert [®] HIT 5	STic Expert [®] HIT 20
5 tests per kit*	20 tests per kit*
Cat. Nr. 01058	Cat. Nr. 01059

*individual tests in blister packs

References

- 1- Sachs UJ et al. Evaluation of a new nanoparticle-based lateral-flow immunoassay for the exclusion of heparin-induced thrombocytopenia (HIT). *Thromb Haemost.* 2011; 106:1197-1202
- 2- Lo GK et al. Evaluation of pretest clinical score (4T's) for the diagnosis of heparin-induced thrombocytopenia in two clinical settings. *J Thromb Haemost* 2006; 4:759-65
- 3- Cuker A. Heparin-induced thrombocytopenia (HIT) in 2011: An epidemic of overdiagnosis. *Thromb Haemost.* 2011; 106: 993-994

For further information, please contact:



At the Heart of Haemostasis

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