

Anticoagulants Line **ECA**



STA[®]-ECA II

For dabigatran concentration measurement

- ☀ For use with **STA[®]-Dabigatran Calibrator & Control**
- ☀ **Chromogenic** Anti-IIa method, **specific** and **sensitive**:
 - improvement of the Ecarin Clotting Time
 - fully automated and standardised



STA®-Dabigatran Calibrator & STA®-Dabigatran Control

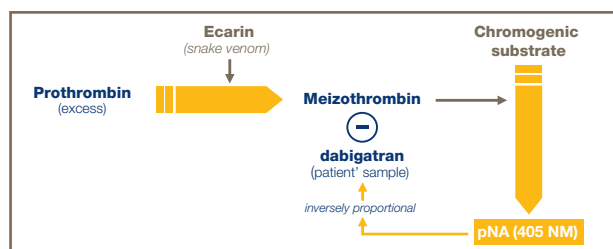
For determination of dabigatran concentration to support the examination of patients in different clinical settings such as^[1]:

- ☀ surgery
- ☀ overdose

[Considering the pharmacokinetic profile of dabigatran, the results have to be interpreted according to the timing of the last drug intake. Therefore, depending on the result and purpose, a repeated measurement at a different timepoint might be useful.]

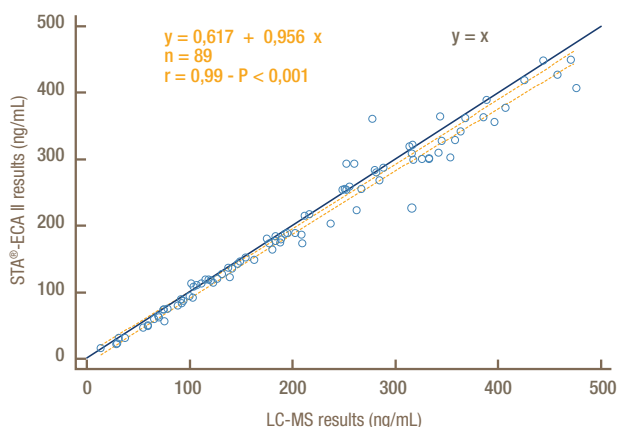
With a specific ecarin-based method

- ☀ Wide working range: 15-460 ng/mL*
- ☀ High sensitivity in low range
- ☀ Limit of detection : 15 ng/mL
- ☀ Specific assay insensitive to:
 - variations in factor II and fibrinogen levels
 - heparins
- ☀ Long stability to reduce reagent waste
 - 3 days on board*
 - 28 days at 2-8°C



Excellent correlation with the reference method (LC-MS total dabigatran^[2])

Comparison of dabigatran levels obtained with STA®-ECA II and the reference method (LC-MS)



| | STA®-ECA II | STA®-Dabigatran Calibrator | STA®-Dabigatran Control |
|---------------------|-------------------------------|-------------------------------|-------------------------------|
| | Cat. Nr. 00992 - 2 x 25 tests | Cat. Nr. 00993 - 2 x 5 x 1 mL | Cat. Nr. 00994 - 3 x 2 x 1 mL |
| Format | Lyophilized | Lyophilized | Lyophilized |
| On board stability* | 3 days | 8 hours | 8 hours |
| 2-8°C stability | 28 days | - | 5 days |

REFERENCES

- BAGLIN T. et al., Measuring Oral Direct Inhibitors (ODIs) of thrombin and factor Xa : A recommendation from the Subcommittee on Control of Anticoagulation of the SSC of the ISTH. J. Thromb Haemost 2013; 11:756-60
- STANGIER J. et al., The pharmacokinetics, pharmacodynamics and tolerability of dabigatran etexilate, a new oral direct thrombin inhibitor, in healthy male subjects. Br J Clin Pharmacol 2007; 64-3 : 292-303

*On STA-R® line

For further information, please contact:



At the Heart of Haemostasis

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