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New PAI-1 activity standard for ZYMUTEST PAI-1 Activity (ARK019A)

We recently participated to a NIBSC multicentric study for standards in fibrinolysis (tPA, PAI-1). This was the opportunity to revalidate fibrinolysis assays' standardisation, by taking into consideration the new understandings and available material in this fields.

Especially, the PAI-1 activity standard was reestablished using a highly purified recombinant wild-type PAI-1 with a well defined specific activity (72% active material, duly measured with inhibition studies using the tPA international standard).

A new PAI-1 Activity Internal Standard was established and used as a reference material for ZYMUTEST PAI-1 activity standard (#ARK019A).

Using this new standard, slightly higher PAI-1 activity concentrations are measured.

This new standard is applied for all new lots of ZYMUTEST PAI-1 activity kits (#ARK019A) starting with lot 060403B – Exp 2008-04.

Thanks to this new reference material more accurate PAI-1 activity concentrations are obtained.

The reference material for PAI-1 antigen and tPA antigen remain unchanged.

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