

ASSAY SHEET 'PLATELET CONTROL EXTENDED VALUE'

Lot no. : 145
Exp. date : April 19th, 2011

Product no. : 3720

Principle:

The target value is the mean duplicate of 5 randomly taken vials of the subdivided batch. Analysis are performed on several instruments. Not all instruments will recover the same value.

Target Value : 1700

Instrument	Mean	Range
Abbott Cell-Dyn 3500 / 3700	1815	200
ABX Micros 60	2040	210
ABX Pentra 80 (rev. 1.9.0)	1820	270
Bayer Advia 120	2040	250
Beckman Coulter GenS	1775	200
Sysmex XT-XE series	1680	200

Explanation difference in recovered values:

As a result of the counting and correcting technology employed in different instruments, the numerical values recovered may alter for stabilised biological control materials.

The mathematical software in haematology blood counters is programmed for whole blood samples, which corrects the counted results for recirculating erythrocytes behind the aperture, duplicate cells passing through the aperture, electrical noise, expected size threshold of the material and reagent bubbles. In case only platelets are in solution, the corrections cause the count to become lower or higher.

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