technoclone

TECHNOCHROM® C1-INH

Chromogenic determination of C1-INH in human citrated plasma for diagnosis of hereditary angioedema (HAE)

A clear view into the future !

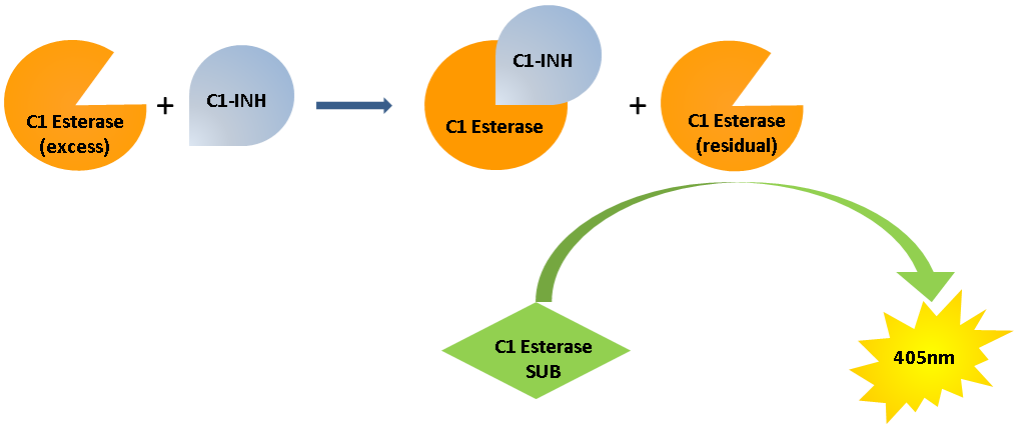
TECHNOCHROM® C1-INH

Within the complement system, C1-Inhibitor (INH) blocks the activation of C1 and the rest of the classic complement pathway. C1-INH deficiency leads to uncontrolled activation of the classical complement system and other biochemical systems such as the bradykinin system.

Hereditary angioedema (HAE) is an autosomal dominant disease, caused by low levels of the plasma protein C1-INH or by dysfunctional C1-INH.

TEST PRINCIPAL

The TECHNOCHROM® C1-INH is a chromogenic assay for the determination of C1-Esterase Inhibitor in human citrated plasma. C1-INH from patient plasma inhibits C1-Esterase added in excess. Residual C1-Esterase cleaves a chromogenic substrate.



ASSAY CHARACTERISTICS

Fully automated on most coagulation analyzer:

- Easy to use
- Testing 24/7
- Result within 10 minutes
- Batch stable calibration
- Automatic pre-dilution of patient samples
- Calibrated against WHO Standard
- High precision
- Limit of detection: 6.6 %*

	Intra assay*		Inter assay*	
sample	sample 1	sample 2	sample 1	sample 2
n	12	12	6	6
MV %	98.5	53.4	96.6	54.6
SD %	3.96	2.61	2.49	2.29
CV %	4.02	4.89	2.58	4.2

*Ceveron® alpha

Product	Description	REF	Package
TECHNOCHROM® C1 INH	1 x 3 ml Substrate 1 x 3 ml C1-Esterase 1 x 25 ml Sample Buffer A 1 x 20 ml Reaction Buffer B 1 x 1 ml Reference Plasma 1 ml Normal and Abnormal Control plasma each	5345003	60 tests

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