



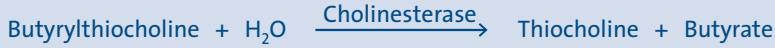
CHOLINESTERASE FS – THE LIQUID SOLUTION

- :: Liquid-stable, ready to use reagent
- :: Butyrylthiocholine method, recommended by DGKC
- :: Linearity up to 20,000 U/L
- :: No interferences by hemolyzed, lipemic or icteric samples
- :: Excellent precision
- :: On board/calibration stability 8 weeks (Hitachi 911)
- :: Adaptable on any clinical chemistry analyzer, validated applications available

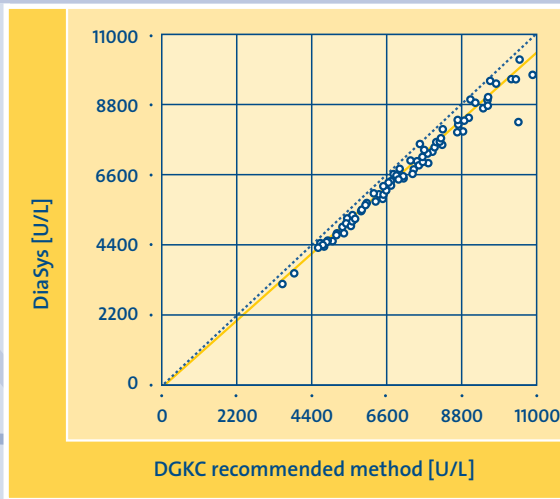
Clinical use

Decreased CHE values occur in acute and chronic hepatitis, liver cirrhosis, liver tumours and liver inhibition by intoxication. Cholinesterase is measured for monitoring workers exposed to pesticides and in pre-operative diagnostics as CHE is needed for inactivation of muscle relaxants used in surgery. Increased values are of less importance and can occur in alcoholic fatty liver, diabetes or nephrotic syndrom.

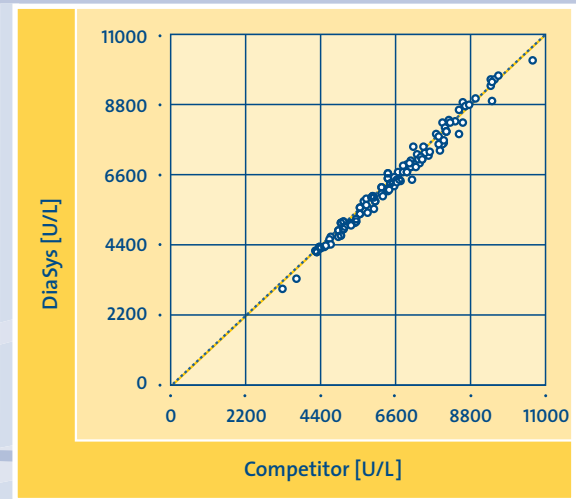
DGKC recommended Butyrylthiocholine method



Cholinesterase hydrolyses Butyrylthiocholine to Butyric acid and Thiocholine. Thiocholine reduces yellow Potassium hexacyanoferrate(III) to colourless Potassium hexacyanoferrate(II). The decrease of absorbance is measured at 405 nm.



n = 106
 Passing/Bablok regression: $y = 0.948x + 88.6 \text{ U/L}$
 r = 0.994



n = 106
 Passing/Bablok regression: $y = 1.01x - 55.5 \text{ U/L}$
 r = 0.992

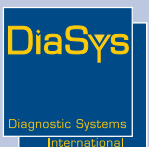
CHOLINESTERASE FS

Cat. No.	Kit size							
1 1401 99 10 021	R1	5 x	20 mL	+	R2	1 x	25 mL	Multipurpose kit
1 1401 99 10 704	R1	8 x	50 mL	+	R2	8 x	12.5 mL	Hitachi 704/717/911 kit*
1 1401 99 10 917	R1	8 x	60 mL	+	R2	8 x	15 mL	Hitachi 917 kit**
1 1401 99 10 930	R1	4 x	20 mL	+	R2	2 x	10 mL	Kit for Hitachi systems***

* Full Hitachi 911 bar code; bottles also suitable for Hitachi 704/912/902/717, ILab, Merck MEGA, etc.

** Bottles are suitable for Hitachi 917, Olympus AU 400/640/800/2700, ADVIA 1650/1800/2400

*** Bottles are suitable for Hitachi 704/717/902/911/912/917, Olympus AU 400/640/800/2700, Abbott Aeroset, Merck MEGA, ADVIA 1650/1800/2400



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