

Product Information

Method	ENZYMATIC	
Time to first result	< 15 minutes on most platforms	
Assay Range	0 – 46 µmol/L Up to 460 µmol/L diluted in Calibrator 0 (provided)	
LOD	< 1.0 µmol/L	
Sample Volume	16.5 µL	
Sample Type	EDTA plasma, LiHep plasma, Serum, Serum Separator	
Reagent Preparation	None	
Calibration Stability	Up to 30 days	
Instrument Applications <i>*CLIA Categorized</i>	Abbot Aeroset/Architect c8000 Beckman Coulter CX5-CX7 Delta Beckman Coulter AU400/480/680/5800* Beckman Coulter DxC 600-800* Beckman Coulter Synchron LX Pro Cobas Integra 800* Hitachi 917*	KONELAB 30/60 Ortho VITROS 5600 Roche Modular P* Roche Cobas c6000 (c501)/c8000(c502) Siemens ADVIA 1650 Others in development

Ordering Information

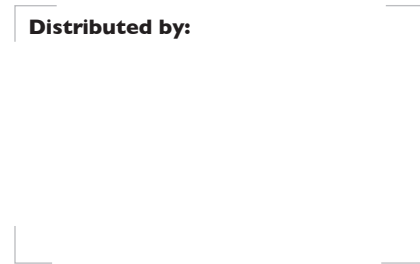
Product Description	Part Number	No of Tests	Calibrators Inc.
Liquid Stable 2-Part Homocysteine Generic	FHRWR100	100	YES
	FHRWR200	200	YES
	FHRWR1000	1000	YES
Homocysteine Controls (3 levels) 1.5 mL each	FHCY200	-	-



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HOMOCYSTEINE

on your chemistry analyser



Liquid Stable 2-Part Homocysteine Assay

PROVEN UTILITY

First promoted for cardiac risk assessment, homocysteine now appears to be an accurate frontline indicator for a wide variety of diseases throughout a person's life. From neural tube defects and learning disorders in the young, through to the increased risk of stroke or dementia in the elderly, the body of evidence continues to grow. Since developing the first homocysteine assay over 15 years ago, Axis-Shield has been in the forefront of promoting this vital marker.

The Axis-Shield Liquid Stable 2-Part Homocysteine Assay demonstrates exceptional performance on many instruments:

Improved Calibration Stability

- Calibration is stable for up to 30 days on most instruments so requires only 4 tests per month for calibration. Other older 3-reagent assays require weekly calibration and will use up to 50 tests per month in calibrations.

Convenience

- The only all-in-one 2-reagent Enzymatic method. Reagents, calibrators and instrument applications all supplied under one part number.
- Available in 100, 200 or 1000 test formats.
- Two ready-to-use liquid stable reagents in wedge bottles for direct loading onto several commonly-used instruments.
- Instrument applications available on multiple instrument platforms including:

Abbott
Beckman Coulter
Hitachi
KONELAB
Ortho Clinical Diagnostics
Roche
Siemens

Accuracy

- Standardised to NIST Standard Reference Material SRM1955.



PROVEN PERFORMANCE

The Axis-Shield Liquid Stable 2-Part Homocysteine Assay is a Next Generation Enzymatic Method offering improved performance and convenience:

Precision

Low imprecision across the assay range:

SAMPLE	Reagent Lot	n	Mean (μmol/L)	Within Run CV %	Total CV %
Sample 1	1	80	7.0	1.9	3.3
	2	80	7.0	2.2	4.4
Sample 2	1	80	36.0	1.3	2.5
	2	80	35.5	1.1	2.3
Sample 3	1	80	48.3	1.1	2.0
	2	80	47.7	1.0	2.2

Correlation

Excellent correlation with immunoassay and HPLC in both normal and renal disease patient populations:

