



Homocysteine



Patient: **SAMPLE**
REPORT
DOB: April 18, 1958
Sex: M
MRN: 0001012344

Order Number: 9321234
Completed: September 25, 2007
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Homocysteine

	Inside Range	Outside Range	Reference Range
Homocysteine	<input type="text"/>	<input type="text" value="10.40"/>	3.00-10.00 umol/L

Commentary

Homocysteine reference range has changed from 4.72 - 10 umol/L to 3.00 - 10.00 umol/L.

Commentary is provided to the practitioner for educational purposes, and should not be interpreted as diagnostic or treatment recommendations. Diagnosis and treatment decisions are the responsibility of the practitioner.

The **homocysteine** level is ABOVE the REFERENCE range. Homocysteinemia has received abundant regard as a key independent risk factor for cardiovascular disease which is responsive to nutritional intervention. Elevated homocysteine levels result in micro-abrasive effects on the vascular endothelium, thus providing loci for other plaque-generating events to occur. Smoking and hypertension increase cardiovascular risks associated with high homocysteine.