

**Table 6. Contemporary vs high-sensitivity cTn assay features**

<b>Characteristic</b>	<b>Contemporary troponin assays*</b>	<b>High-sensitivity troponin assays</b>
Precision	Variable	≤10% CV at 99th percentile
Detection	~20–50% of healthy reference population	≥50% of healthy reference population
Units	Microgram per litre (µg/L)	Nanogram per litre (ng/L)
Sex-specific 99th percentiles	No. Overall 99th percentile values only	Yes. Female and male 99th percentiles
Timing of serial testing for MI using 99th percentile	0 and 6–8 hours	0 and 3 hours
Single low-risk troponin values for MI*	No	Yes
Ability to use in rapid, early assessment strategies	No	Yes
Platform	POC and laboratory-based	POC and laboratory-based

\*Using a contemporary assay, if a person presents symptom-free for >6–8 hours, only one test is needed. If ≤99th percentile at 6–8 hours, no second test is required. If >99th, a second test is needed. Abbreviations: cTn, cardiac troponin; CV, coefficient of variation; MI, myocardial infarction; POC, point-of-care.