

CARDIAC MARKER REFERENCE

Template Ref: CARD-001

BIOMARKER	INITIAL ELEVATION	PEAK TIME	DURATION	REFERENCE RANGE
Troponin I (cTnI)	3-6 hours	12-24 hours	7-10 days	< 0.04 ng/mL
Troponin T (cTnT)	3-6 hours	12-48 hours	10-14 days	< 0.01 ng/mL
CK-MB	4-8 hours	18-24 hours	48-72 hours	0-5 ng/mL
Myoglobin	1-3 hours	6-12 hours	18-24 hours	< 90 mcg/L
BNP (B-type Natriuretic)	N/A	N/A	Varies	< 100 pg/mL

Clinical Notes:

- Troponin is the gold standard for detecting myocardial injury.
- Myoglobin is the earliest marker but lacks cardiac specificity.
- Reference ranges vary by laboratory and specific assay used.
- Serial testing is recommended to observe rise and/or fall of values.