

Raised troponin: all methods

Study number	cTnI CS peak (µg/l)	cTnI B peak (ng/l)	cTnI S peak (ng/l)	cTnT peak (ng/l)	Final diagnosis	Comment	Peak troponin (µg/l) (local laboratory)	
2304	4.36	1954.2	3690	236.3	Other	Focal myocarditis rather than coronary artery embolus causing myocardial scar on cardiac magnetic resonance imaging	4.36	cTnT
3025	0.09	55.0	80	33.0	Non-specific		0.20	cTnI
4091	8.45	2766.9	6690	314.7	Other	Pericarditis	8.45	cTnI

cTnI B peak, Beckman AccuTnI peak value; cTnI CS peak, Stratus CS peak sample; cTnI S peak, Siemens Ultra peak value; cTnT peak, Roche high-sensitivity cTnT peak value.

Raised troponin: Stratus CS analyser

Study number	cTnI CS peak (µg/l)	cTnI B peak (ng/l)	cTnI S peak (ng/l)	cTnT peak (ng/l)	Final diagnosis	Comment	Peak troponin (µg/l) (local laboratory)
1252	0.11	0.5	10	1.5	Non-specific		0.11 cTnI
2038	0.12	0.5	10	1.5	Non-specific		0.12 cTnT
2071	0.18	12.4	10	1.5	(Missing)		0.18 cTnT
2079	0.08	0.5	10	1.5	Non-specific		0.08 cTnT
2083	0.10	0.5	10	19.2	Musculoskeletal		0.10 cTnT
2087	0.13	20.3	80	96.2	Angina, no ACS		0.13 cTnT
2255	0.10	1.9	10	1.5	ACS		0.10 cTnT
2304	4.36	1954.2	3690	236.3	Other	Focal myocarditis rather than coronary artery embolus causing myocardial scar on cardiac magnetic resonance imaging	4.36 cTnT
2309	1.00	0.5	10	1.5	Other	Gallstones	0.07 cTnT
3017	0.20	0.5	10	1.5	Anxiety		0.20 cTnI
3025	0.09	55.0	80	33.0	Non-specific		0.20 cTnI
4091	8.45	2766.9	6690	314.7	Other	Pericarditis	8.45 cTnI
4134	0.08	0.5	10	1.5	Unknown		0.10 cTnI
4256	0.08	0.5	10	1.5	Gastro-oesophageal		0.08 cTnI
4285	0.10	20.0	10	13.2	Other	Urinary tract infection	0.10 cTnI
4308	0.08	0.5	10	1.5	Gastro-oesophageal		0.08 cTnI
4312	0.29	80.0	30	25.6	Other	Viral illness	0.07 cTnI
4316	0.08	0.5	10	1.5	Musculoskeletal		0.08 cTnI
4323	0.09	0.5	10	14.9	Musculoskeletal		0.09 cTnI
4333	0.09	0.5	10	1.5	Other	Syncope event	0.07 cTnI
5008	0.08	4.9	10	1.5	Non-specific		0.08 cTnI
5114	0.19	0.5	10	1.5	Non-specific		0.19 cTnI
6004	0.09	0.5	10	1.5	Non-specific		0.09 cTnI
6253	0.20	0.5	10	1.5	Musculoskeletal		0.07 cTnI

cTnI B peak, Beckman AccuTnI peak value; cTnI CS peak, Stratus CS peak sample; cTnI S peak, Siemens Ultra peak value; cTnT peak, Roche high-sensitivity cTnT peak value.

Raised troponin: all sensitive methods

Study number	cTnI CS peak (µg/l)	cTnI B peak (ng/l)	cTnI S peak (ng/l)	cTnT peak (ng/l)	Final diagnosis	Comment	Peak troponin (µg/l) (local laboratory)	
2220	0.02	47.5	50	32.9	Non-specific		0.07	cTnT
3365	0.04	410.0	60	30.3	Non-specific		0.07	cTnI
4205	0.07	90.0	120	53.1	Other	Supraventricular tachycardia	0.07	cTnI
4464	0.07	50.0	50	30.4	Angina, no ACS		0.07	cTnI
6186	0.01	90.0	1640	46.0	Non-specific	Myocarditis	0.07	cTnI
6327	0.01	649.0	90	24.5	Gastro-oesophageal		0.07	cTnI

cTnI B peak, Beckman AccuTnI peak value; cTnI CS peak, Stratus CS peak sample; cTnI S peak, Siemens Ultra peak value; cTnT peak, Roche high-sensitivity cTnT peak value.

Raised troponin: Beckman AccuTnI

Study number	cTnI CS peak ($\mu\text{g/l}$)	cTnI B peak (ng/l)	cTnI S peak (ng/l)	cTnT peak (ng/l)	Final diagnosis	Comment	Peak troponin ($\mu\text{g/l}$) (local laboratory)	
1018	0.01	132.7	90	6.6	Non-specific		0.07	cTnI
2220	0.02	47.5	50	32.9	Non-specific		0.07	cTnT
2304	4.36	1954.2	3690	236.3	Other	Focal myocarditis rather than coronary artery embolus causing myocardial scar on cardiac magnetic resonance imaging	4.36	cTnT
3025	0.09	55.0	80	33.0	Non-specific		0.20	cTnI
3223	0.07	47.0	80	11.0	Angina, no ACS		0.20	cTnI
3342	0.02	60.0	30	41.6	Gastro-oesophageal		0.07	cTnI
3365	0.04	410.0	60	30.3	Non-specific		0.07	cTnI
4070	0.03	106.1	110	5.4	Gastro-oesophageal		0.07	cTnI
4091	8.45	2766.9	6690	314.7	Other	Pericarditis	8.45	cTnI
4205	0.07	90.0	120	53.1	Other	Supraventricular tachycardia – rate-related ischaemia	0.07	cTnI
4312	0.29	80.0	30	25.6	Other	Viral illness	0.07	cTnI
4464	0.07	50.0	50	30.4	Angina, no ACS		0.07	cTnI
6087	0.01	128.6	10	3.7	Other	Postural drop secondary to amlodipine	0.07	cTnI
6186	0.01	90.0	1640	46.0	Non-specific		0.07	cTnI
6327	0.01	649.0	90	24.5	Gastro-oesophageal		0.07	cTnI

cTnI B peak, Beckman AccuTnI peak value; cTnI CS peak, Stratus CS peak sample; cTnI S peak, Siemens Ultra peak value; cTnT peak, Roche high-sensitivity cTnT peak value.

Raised troponin: Seimens Ultra

Study number	cTnI CS peak (µg/l)	cTnI B peak (ng/l)	cTnI S peak (ng/l)	cTnT peak (ng/l)	Final diagnosis	Comment	Peak troponin (µg/l) (local laboratory)	
1018	0.01	132.7	90	6.6	Non-specific		0.07	cTnI
1219		15.0	60	76.1	Other	Supraventricular tachycardia	0.10	cTnI
2005	0.04	29.0	70	1.5	ACS		0.07	cTnT
2087	0.13	20.3	80	96.2	Angina, no ACS		0.13	cTnT
2170	0.01	13.9	60	1.5	Non-specific		0.07	cTnT
2220	0.02	47.5	50	32.9	Non-specific		0.07	cTnT
2284	0.01	7.5	60	1.5	Angina, no ACS		0.07	cTnT
2304	4.36	1954.2	3690	236.3	Other	Focal myocarditis rather than coronary artery embolus causing myocardial scar on cardiac magnetic resonance imaging	4.36	cTnT
2326	0.02	16.5	60	1.5	ACS		0.07	cTnT
3025	0.09	55.0	80	33.0	Non-specific		0.20	cTnI
3223	0.07	47.0	80	11.0	Angina, no ACS		0.20	cTnI
3365	0.04	410.0	60	30.3	Non-specific		0.07	cTnI
4021	0.01	19.2	90	8.9	Non-specific		0.07	cTnI
4029	0.06	29.1	50	1.5	ACS		0.07	cTnI
4070	0.03	106.1	110	5.4	Gastro-oesophageal		0.07	cTnI
4071	0.07	0.5	70	1.5	Gastro-oesophageal		0.07	cTnI
4091	8.45	2766.9	6690	314.7	Other	Pericarditis	8.45	cTnI
4103	0.04		3620	295.6	Musculoskeletal		0.07	cTnI
4126		0.5	50		Non-specific		0.06	cTnI
4205	0.07	90.0	120	53.1	Other	Supraventricular tachycardia – rate-related ischaemia	0.07	cTnI
4384	0.07	30.0	50	58.3	Other	Urinary tract infection	0.07	cTnI
4464	0.07	50.0	50	30.4	Angina, no ACS		0.07	cTnI
5081	0.02	13.3	50	1.5	Other	Possible cardiac pain but myocardial infarction ruled out	0.07	cTnI

Study number	cTnI CS peak (µg/l)	cTnI B peak (ng/l)	cTnI S peak (ng/l)	cTnT peak (ng/l)	Final diagnosis	Comment	Peak troponin (µg/l) (local laboratory)	
6013		5.1	120	34.7	Other	Lower respiratory tract infection	0.04	cTnI
6018	0.04	23.9	160	70.3	Non-specific		0.07	cTnI
6074	0.01	13.7	80	22.2	Angina, no ACS		0.07	cTnI
6123	0.03	4.3	70	9.3	Other	Microcytic anaemia	0.07	cTnI
6148	0.01	0.5	90	5.0	Musculoskeletal		0.07	cTnI
6186	0.01	90.0	1640	46.0	Non-specific		0.07	cTnI
6235	0.01	40.0	50	1.5	Musculoskeletal		0.07	cTnI
6327	0.01	649.0	90	24.5	Gastro-oesophageal		0.07	cTnI

cTnI B peak, Beckman AccuTnI peak value; cTnI CS peak, Stratus CS peak sample; cTnI S peak, Siemens Ultra peak value; cTnT peak, Roche high-sensitivity cTnT peak value.

Raised troponin: cTnT

Study number	cTnI CS peak ($\mu\text{g/l}$)	cTnI B peak (ng/l)	cTnI S peak (ng/l)	cTnT peak (ng/l)	Final diagnosis	Comment	Peak troponin ($\mu\text{g/l}$) (local laboratory)	
1024	0.01	2.9	10	21.2	Musculoskeletal		0.07	cTnI
1041	0.02	22.4	30	17.7	Angina, no ACS		0.07	cTnI
1046	0.01	15.4	30	17.6	Other	Supraventricular tachycardia	0.07	cTnI
1219		15.0	60	76.1	Other	Supraventricular tachycardia	0.10	cTnI
2083	0.10	0.5	10	19.2	Musculoskeletal		0.10	cTnT
2087	0.13	20.3	80	96.2	Angina, no ACS		0.13	cTnT
2103	0.01	18.5	40	15.4	Non-specific		0.07	cTnT
2220	0.02	47.5	50	32.9	Non-specific		0.07	cTnT
2304	4.36	1954.2	3690	236.3	Other	Focal myocarditis rather than coronary artery embolus causing myocardial scar on cardiac magnetic resonance imaging	4.36	cTnT
3008	0.04	24.3	40	18.5	Musculoskeletal		0.20	cTnI
3025	0.09	55.0	80	33.0	Non-specific		0.20	cTnI
3076	0.01	31.0	40	22.7	Angina, no ACS		0.07	cTnI
3087	0.01	4.0	10	25.5	Musculoskeletal		0.07	cTnI
3138	0.04	0.5	10	15.9	Non-specific		0.20	cTnI
3276	0.02	2.7	30	19.4	Non-specific		0.07	cTnI
3311	0.06	10.0	30	20.1	Non-specific		0.07	cTnI
3342	0.02	60.0	30	41.6	Gastro-oesophageal		0.07	cTnI
3343	0.03	30.0	40	16.9	Non-specific		0.07	cTnI
3365	0.04	410.0	60	30.3	Non-specific		0.07	cTnI
3395	0.01	40.0	30	21.3	Anxiety		0.05	cTnI
3459	0.01	5.7	10	30.1	Non-specific		0.07	cTnI
4079	0.05	0.5	30	22.4	Other	Non-cardiac chest pain	0.07	cTnI

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4091	8.45	2766.9	6690	314.7	Other	Pericarditis	8.45	cTnI
4101		0.5	10	39.3	Angina, no ACS		0.06	cTnI
4103	0.04		3620	295.6	Musculoskeletal		0.07	cTnI
4205	0.07	90.0	120	53.1	Other	Supraventricular tachycardia – rate-related ischaemia	0.07	cTnI
4312	0.29	80.0	30	25.6	Other	Viral illness	0.07	cTnI
4313	0.06	30.0	30	29.4	Gastro-oesophageal		0.07	cTnI
4323	0.09	0.5	10	14.9	Musculoskeletal		0.09	cTnI
4332	0.04	30.0	40	22.8	Angina, no ACS		0.07	cTnI
4384	0.07	30.0	50	58.3	Other	Urinary tract infection	0.07	cTnI
4388	0.03	30.0	10	15.7	Non-specific		0.07	cTnI
4422	0.06	0.5	30	24.4	Non-specific		0.07	cTnI
4464	0.07	50.0	50	30.4	Angina, no ACS		0.07	cTnI
6013		5.1	120	34.7	Other	Lower respiratory tract infection	0.04	cTnI
6018	0.04	23.9	160	70.3	Non-specific		0.07	cTnI
6074	0.01	13.7	80	22.2	Angina, no ACS		0.07	cTnI
6081	0.01	20.0	20	57.9	Musculoskeletal		0.07	cTnI
6083	0.01	0.5	10	22.3	Musculoskeletal		0.07	cTnI
6138	0.03	0.5	10	25.7	Other	Bilateral pulmonary embolus	0.07	cTnI
6186	0.01	90.0	1640	46.0	Non-specific		0.07	cTnI
6210	0.04	39.0	40	22.0	ACS		0.07	cTnI
6327	0.01	649.0	90	24.5	Gastro-oesophageal		0.07	cTnI

cTnI B peak, Beckman AccuTnI peak value; cTnI CS peak, Stratus CS peak sample; cTnI S peak, Siemens Ultra peak value; cTnT peak, Roche high-sensitivity cTnT peak value.