Missed acute myocardial infarction: Stratus CS analyser

Study number	cTnl CS peak (µg/l)	cTnl B peak (ng/l)	cTnl S peak (ng/l)	cTnT peak (ng/l)	Final diagnosis	Comment	Peak troponin (µg/l) (local laboratory)	
2114	0.01	0.50	10	45.3	Angina, no ACS		0.07	cTnT
3193	0.03	390	2960	36.1	Non-specific		0.20	cTnl
6194	0.05	9.60	780	197.8	ACS		0.07	cTnl

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

Missed acute myocardial infarction: Beckman AccuTnI

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)	
1001	5.30	15.0	60	260.0	ACS		5.300	cTnI
2085		9.1	1690	189.4	Other	NSTEMI and new-onset non-insulin-dependent diabetes mellitus	0.048	cTnT
2114	0.01	0.5	10	45.3	Angina, no ACS		0.070	cTnT
3065	0.08	0.5	10	3.8	Angina, no ACS		0.200	cTnI
3427	0.08	30.0	30	19.2	ACS		0.080	cTnI
4048	8.76	10.9	70	1.5	Other	NSTEMI	8.760	cTnI
4160	0.10	30.0	60	29.0	Other	NSTEMI	6.400	cTnI
4270	0.18	0.5	10	1.5	Other	NSTEMI	0.580	cTnI
4286	0.16	5.0	20	6.5	Unknown		0.490	cTnI
5078	0.20	0.5	10	1.5	Other	Possible cardiac pain but a myocardial infarction ruled out	0.200	cTnI
6008	0.18	0.5	10	1.5	Gastro-oesophageal		0.180	cTnI
6036	0.10	1.9	60	15.9	Angina, no ACS		0.100	cTnI
6065	0.14	2.6	10	1.5	Non-specific		0.140	cTnI
6095	0.18	5.7	30	5.6	ACS		1.960	cTnI
6194	0.05	9.6	780	197.8	ACS		0.070	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.

Missed acute myocardial infarction: Siemens 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)	
1203	0.40	60.0	30	28.3	Non-specific		0.40	cTnI
2114	0.01	0.5	10	45.3	Angina, no ACS		0.07	cTnT
3065	0.08	0.5	10	3.8	Angina, no ACS		0.20	cTnI
3427	0.08	30.0	30	19.2	ACS		0.08	cTnI
4270	0.18	0.5	10	1.5	Other	NSTEMI	0.58	cTnI
4286	0.16	5.0	20	6.5	Unknown		0.49	cTnI
5078	0.20	0.5	10	1.5	Other	Possible cardiac pain but a myocardial infarction ruled out	0.20	cTnI
5113	0.37	60.0	30	81.0	Other	NSTEMI	1.35	cTnI
6008	0.18	0.5	10	1.5	Gastro-oesophageal		0.18	cTnI
6065	0.14	2.6	10	1.5	Non-specific		0.14	cTnI
6095	0.18	5.7	30	5.6	ACS		1.96	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.

Missed acute myocardial infarction: cardiac troponin T

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)	
2017	0.12	51.5	840	1.5	Other	Myocardial infarction	0.12	cTnT
2048	0.16	85.2	1290	1.5	ACS		0.16	cTnT
3065	0.08	0.5	10	3.8	Angina, no ACS		0.20	cTnI
4048	8.76	10.9	70	1.5	Other	NSTEMI	8.76	cTnI
4132	0.78	369.6	590	7.6	Other	NSTEMI	1.96	cTnI
4270	0.18	0.5	10	1.5	Other	NSTEMI	0.58	cTnI
4286	0.16	5.0	20	6.5	Unknown		0.49	cTnI
5078	0.20	0.5	10	1.5	Other	Possible cardiac pain but a myocardial infarction ruled out	0.20	cTnI
6008	0.18	0.5	10	1.5	Gastro-oesophageal		0.18	cTnI
6065	0.14	2.6	10	1.5	Non-specific		0.14	cTnI
6095	0.18	5.7	30	5.6	ACS		1.96	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.