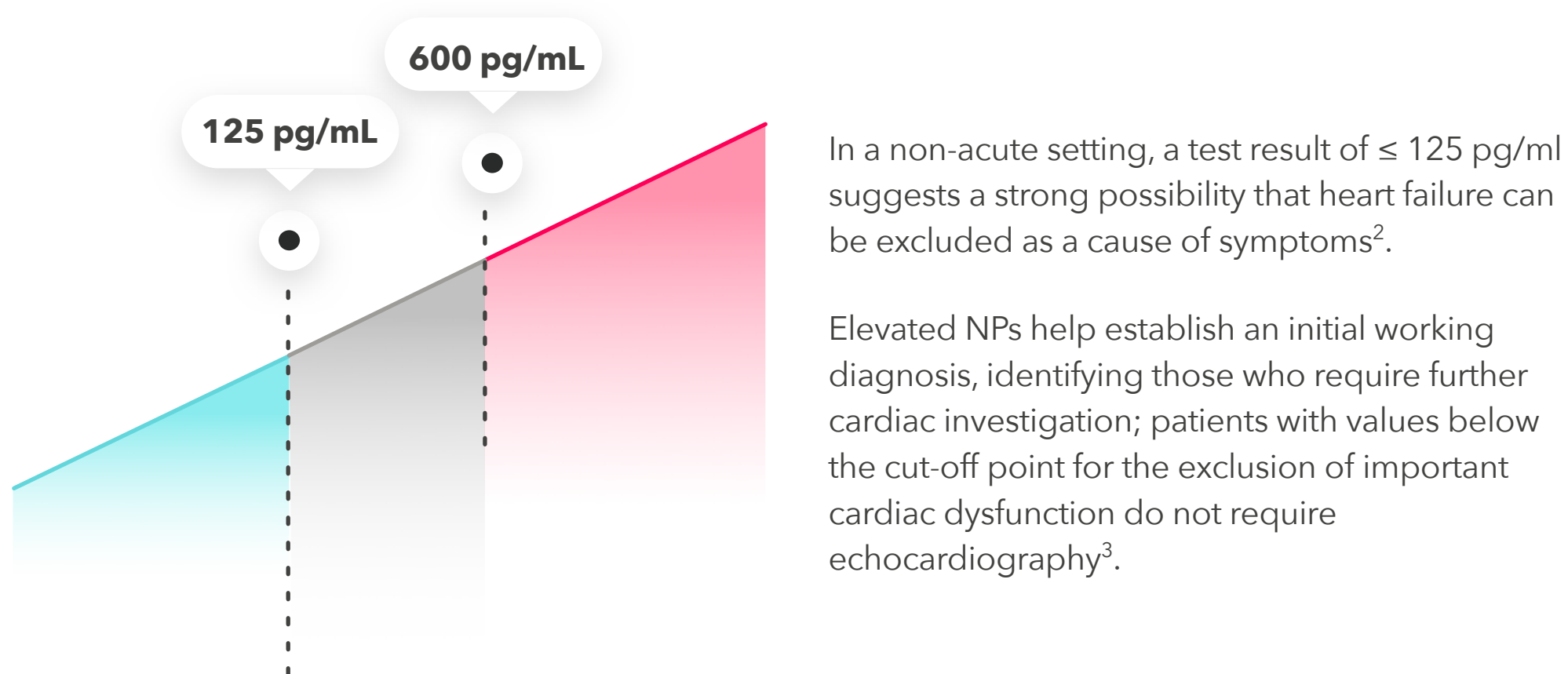


Interpreting NT-proBNP test results

Natriuretic peptides (NP) are useful to rule out heart failure^{1,2}

NP cut-off levels differ for the diagnosis of patients seen in acute vs outpatient settings. They are best suited to assist in ruling out heart failure as a diagnosis, but should not be used independent of signs, symptoms and other diagnostic information³.



RECOMMENDED NATRIURETIC PEPTIDE CUT-OFF LEVELS FOR NON-ACUTE SETTING^{1,2} (pg/mL)

	NT-proBNP	BNP	NPV	PPV
HF unlikely	< 125	< 35	0.94-0.98	
'Grey zone'	125-600	35-150		
HF likely	> 600	> 150		0.44-0.57

- **Below the cut-off** points, **HF can be excluded** with high confidence (high NPV:0.94-0.98)^{1,2}
- **Positive predictive value lower** (0.44-0.57): Natriuretic peptides recommended for **ruling out HF** (not for diagnosis)²

References

BNP: B-type natriuretic peptide; HF: heart failure; NPV: negative predictive value; NT-proBNP: N-terminal pro-B type natriuretic peptide; PPV: positive predictive value

1. Mueller C, et al. Eur J Heart Fail 2019; 21: 715-31;
2. Ponikowski P, et al. Eur Heart J 2016; 37: 2129-200;
3. Ezekowitz J, et al. Can J Cardiol 2017; 33: 1342-1433.