

# NT-proBNP detects more cases of early stage heart failure than BNP<sup>1</sup>

Roche Elecsys<sup>®</sup> NT-proBNP is the gold standard biomarker in heart failure<sup>2</sup> detecting changes in myocardial strain, correlating with the prognosis of left ventricular heart dysfunction.<sup>3-6</sup>

## Use NT-proBNP as an aid in determining optimal treatment

*NT-proBNP provides prognostic value due to its ability to stratify patients with heart failure.*

**Confidently identify, stratify, and manage patients with heart failure using Elecsys<sup>®</sup> NT-proBNP.**

**To learn more visit [ProBNP.com](http://ProBNP.com)**

AHA/ACC Heart Failure Classification <sup>1</sup>				
	Stage A	Stage B	Stage C	Stage D
BNP (100 ng/L)	0%	<10%	50%	90%
NT Pro BNP (125 ng/L)	<10%	25%	90%	100%

**Decision threshold NT-proBNP<sup>7</sup>: >125 ng/L patients <75 yrs  
>450 ng/L patients >75 yrs**

### On-label intended uses in the U.S.<sup>7</sup>

- Roche NT-proBNP is an immunoassay intended for the in vitro quantitative determination of N-terminal pro-Brain natriuretic peptide (NT-proBNP) in human serum and plasma.
- This assay is used as an aid in diagnosis of individuals suspected of having congestive heart failure.
- This test is indicated for the risk stratification of patients with acute coronary syndrome and congestive heart failure.
- This test may serve as an aid in the assessment of increased risk of cardiovascular events and mortality in patients at risk for heart failure who have stable coronary artery disease.

### References

1. Emdin M. *Clin Chem*. 2007;53:71289-71297.
2. McKie, P.M. and J.C. Burnett Jr. (December 6, 2016). *J Am Coll Cardiol* 68(22):2437-243
3. World Heart Failure Alliance: [https://www.escardio.org/static\\_file/Escardio/Subspecialty/HFA/WHFA-white-pa-per-15-May-14.pdf](https://www.escardio.org/static_file/Escardio/Subspecialty/HFA/WHFA-white-pa-per-15-May-14.pdf). [Accessed April 2019, 3rd]
4. Rutten et al. <https://ipccs.org/2017/12/10/epccs-practical-guidance-on-heart-failure-diagnosis-and-management-in-primary-care/download-epccs-practical-guidance-on-heart-failure-diagnosis-and-management-in-primary-care.pdf> [Accessed on April 2019, 3rd]
5. Ponikowski et al. (2016). *Eur J Heart Fail*. 18, 891-975
6. Yancy et al. (2017). *Circulation*. 136, e137-e161
7. Roche Elecsys NT-proBNP Package Insert

