

# In vitro diagnostic tests for cardiac biomarkers

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Project N. 101126611

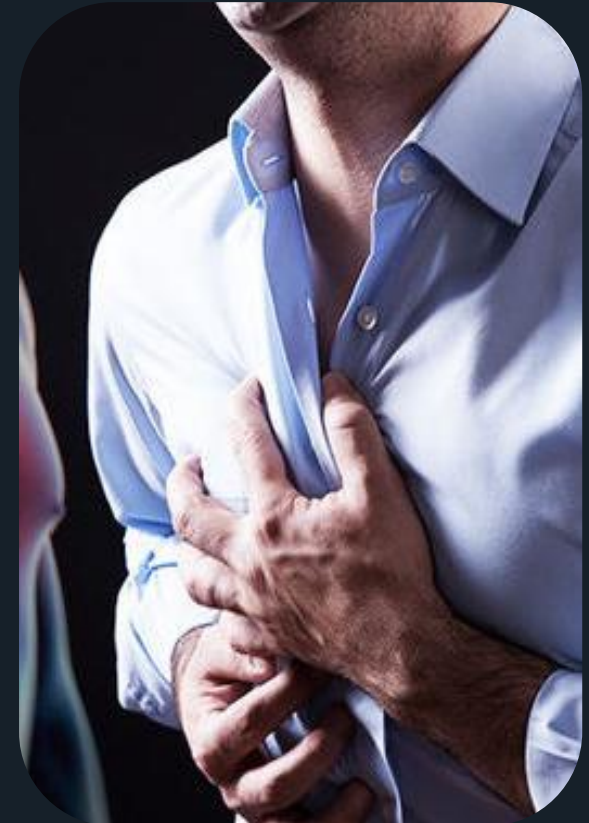
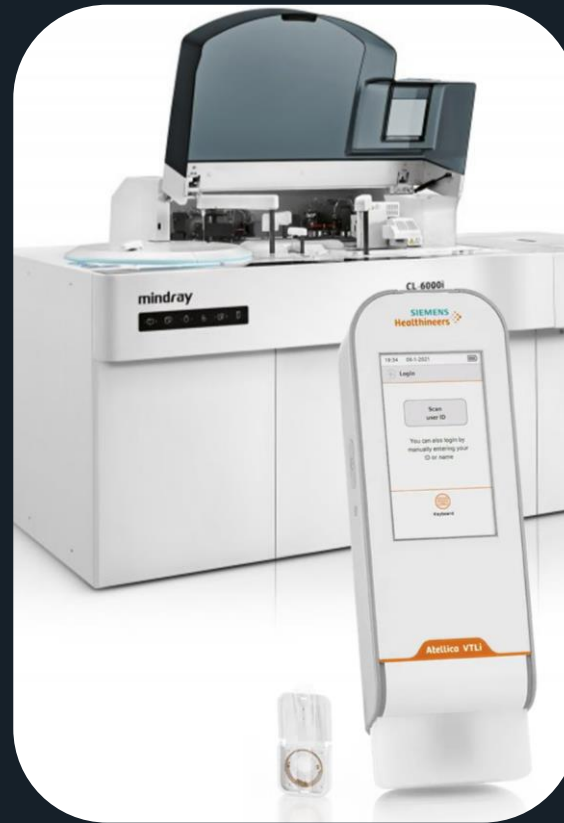


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## In vitro diagnostic tests for cardiac biomarkers



## Developing and optimizing immunoassays

Understanding of target molecules

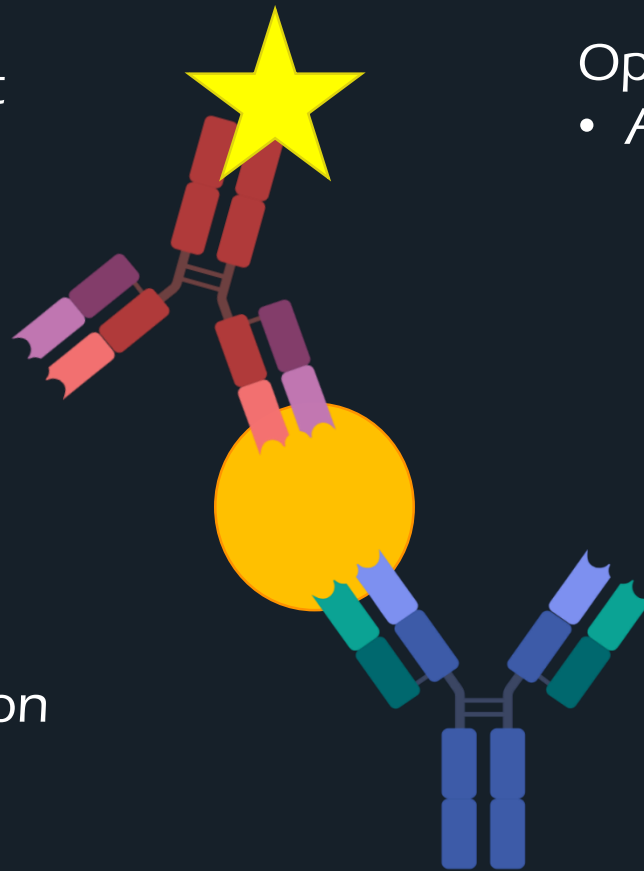
Optimization of...

- Antibody combinations
  - Labels
  - Assay conditions

Overcoming interferences

Assay evaluation

Tackling sample matrix issues



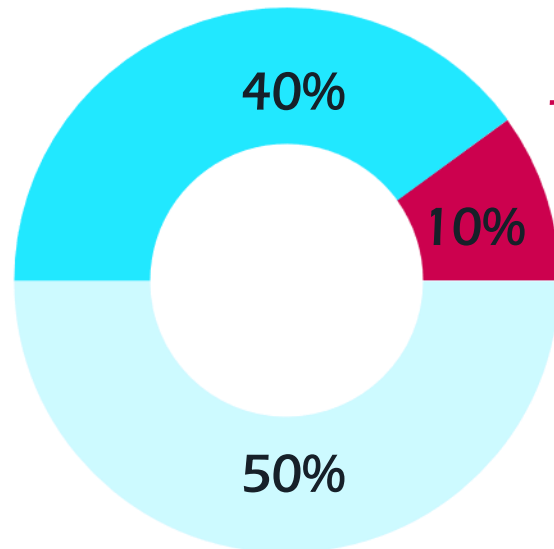
# Clinical samples



## Immunoassay for long cardiac troponin T

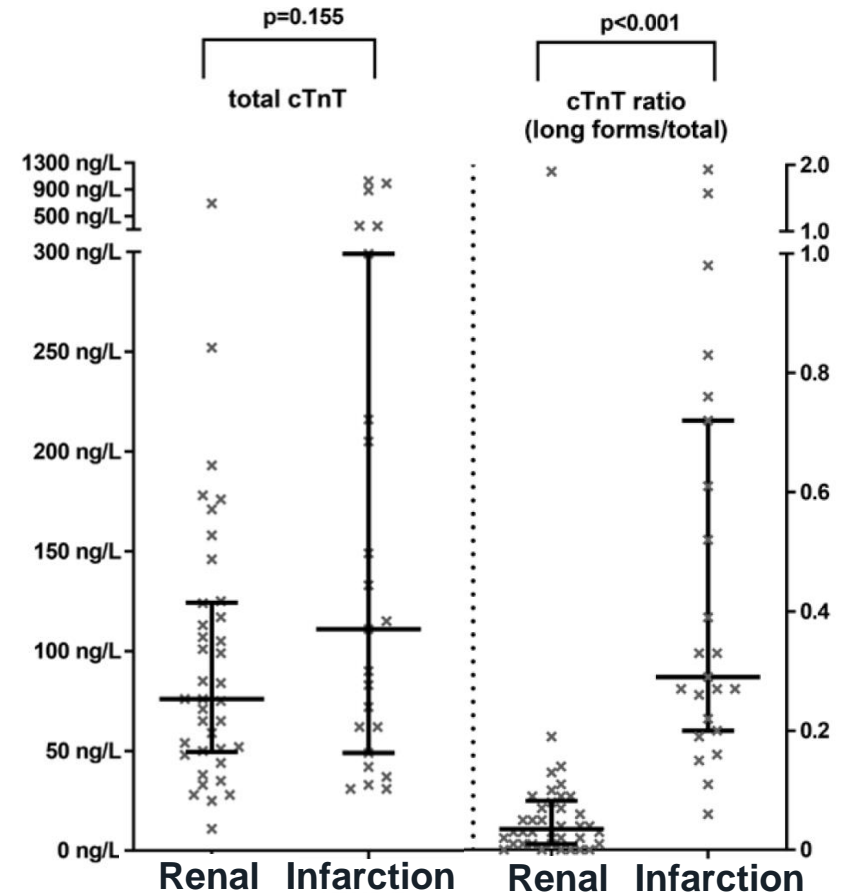
### Current cardiac troponin tests (total cTnT)

Test positive, no infarction



Test positive, infarction

Test negative, no infarction





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