Supplementary Materials

Rapid diagnosis of acute myocardial infarction based on accelerated strand exchange amplification of miR-208a

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Table S1 Confusion Matrix

<table>
<thead>
<tr>
<th>Confusion Matrix</th>
<th>cTnI</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AMI</td>
</tr>
<tr>
<td>miR-208a</td>
<td></td>
</tr>
<tr>
<td>AMI</td>
<td>True Positive (TP)</td>
</tr>
<tr>
<td>Health</td>
<td>False Negative (FN)</td>
</tr>
</tbody>
</table>

Equations:

\[
TPR \ (True \ Positive \ Rate) = \frac{TP}{TP + FN} \quad (1)
\]

\[
TNR(\text{True Negative Rate}) = \frac{TN}{TN + FP} \quad (2)
\]

\[
FPR(\text{False Positive Rate}) = \frac{FP}{FP + TN} = 1 - TNR \quad (3)
\]

\[
\text{Sensitivity} = \text{True Positive Rate} \quad (4)
\]

\[
\text{Specificity} = \text{True Negative Rate} \quad (5)
\]
**Fig. S1** Specific expression of miR-208a in various diseases from GTEx website. ([https://www.gtexportal.org/home/](https://www.gtexportal.org/home/))

**Fig. S2** Analysis results of primers by NUPACK software. ([https://nupack.org/](https://nupack.org/))