

## Finished product inspection report of

### Blood lipid and glucose test card (dry chemical method)

#### 1、Basic Information

Form number: QR-PJY-305040001-004 version number: 1.8

|                         |                                                                                                        |                        |                     |
|-------------------------|--------------------------------------------------------------------------------------------------------|------------------------|---------------------|
| Product Name            | Blood lipid and glucose test card (dry chemical method)                                                |                        |                     |
| Inspection basis        | Standard operating procedure for<br>Blood lipid and glucose test card (dry chemical method) inspection |                        |                     |
| Product batch number    | 2026051301                                                                                             | Product specifications | 25 pieces per boxes |
| Batch production volume | 60 boxes                                                                                               | Date of manufacture    | 2026.05.13          |
| Sampling quantity       | 19 boxes                                                                                               | Inspection date        | 2026.05.16          |
| Report Number           | 57005-20260503                                                                                         | Report Date            | 2026.05.16          |

#### 2、Inspection results

| Inspection items         | technical requirement                                                                                                                                                                                                                                                                                                        | Inspection results                                                  |        | Inspection conclusion                                                                 |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|
| Physical Characteristics | Appearance: The test card should be clean, intact, free of burrs, damage, and contamination; The front sampling area and the bottom testing area are clean and free of stains, and the material is firmly attached; The label handwriting is clear, accurate, and undamaged.                                                 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |        | <input checked="" type="checkbox"/> Qualified<br><input type="checkbox"/> Unqualified |
|                          | Width:<br>The width of the test card strip is $4.8 \pm 0.1$ mm.                                                                                                                                                                                                                                                              | 48.0 mm                                                             |        |                                                                                       |
| Blank limit              | Each item should not be higher than 0.3 mmol/L.                                                                                                                                                                                                                                                                              | TC                                                                  | 0.0    | <input checked="" type="checkbox"/> Qualified<br><input type="checkbox"/> Unqualified |
|                          |                                                                                                                                                                                                                                                                                                                              | TG                                                                  | 0.0    |                                                                                       |
|                          |                                                                                                                                                                                                                                                                                                                              | HDL                                                                 | 0.0    |                                                                                       |
|                          |                                                                                                                                                                                                                                                                                                                              | GLU                                                                 | 0.0    |                                                                                       |
| Linear                   | Total cholesterol is in a linear range, and the correlation $r \geq 0.975$ ;<br>In the linear range of triglyceride, the correlation $r \geq 0.975$ ;<br>High density lipoprotein cholesterol is in a linear range, and the correlation $r \geq 0.975$ ;<br>In the linear range of glucose, the correlation $r \geq 0.975$ . | TC                                                                  | 0.9901 | <input checked="" type="checkbox"/> Qualified<br><input type="checkbox"/> Unqualified |
|                          |                                                                                                                                                                                                                                                                                                                              | TG                                                                  | 0.9962 |                                                                                       |
|                          |                                                                                                                                                                                                                                                                                                                              | HDL                                                                 | 0.9961 |                                                                                       |
|                          |                                                                                                                                                                                                                                                                                                                              | GLU                                                                 | 0.9975 |                                                                                       |

|                  |                                                                                                                                                                                                                                                                                                                             |     |              |                  |                                                                                       |  |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------------|------------------|---------------------------------------------------------------------------------------|--|
| Repeatability    | The coefficient of variation of total cholesterol $cv \leq 7.5\%$ ;<br>Coefficient of variation of triglyceride $cv \leq 6\%$ ;<br>The coefficient of variation of high density lipoprotein cholesterol $cv \leq 7.5\%$ ;<br>Coefficient of variation of glucose $CV \leq 5\%$ .                                            |     | L            | H                | <input checked="" type="checkbox"/> Qualified<br><input type="checkbox"/> Unqualified |  |
|                  |                                                                                                                                                                                                                                                                                                                             | TC  | 45%          | 43%              |                                                                                       |  |
|                  |                                                                                                                                                                                                                                                                                                                             | TG  | 31%          | 41%              |                                                                                       |  |
|                  |                                                                                                                                                                                                                                                                                                                             | HDL | 45%          | 46%              |                                                                                       |  |
|                  |                                                                                                                                                                                                                                                                                                                             | GLU | 27%          | 33%              |                                                                                       |  |
| Batch difference | The difference between batches of total cholesterol is $\leq 15\%$ ;<br>The difference between batches of triglycerides is less than or equal to 15%;<br>The difference between batches of high density lipoprotein cholesterol is $\leq 15\%$ ;<br>The difference between batches of glucose is less than or equal to 10%. | TC  | 23%          |                  | <input checked="" type="checkbox"/> Qualified<br><input type="checkbox"/> Unqualified |  |
|                  |                                                                                                                                                                                                                                                                                                                             | TG  | 23%          |                  |                                                                                       |  |
|                  |                                                                                                                                                                                                                                                                                                                             | HDL | 9.9%         |                  |                                                                                       |  |
|                  |                                                                                                                                                                                                                                                                                                                             | GLU | 5.5%         |                  |                                                                                       |  |
| Accuracy         | The relative deviation of total cholesterol is $\leq \pm 10\%$ ;<br>The relative deviation of triglyceride is $\leq \pm 15\%$ ;<br>The relative deviation of high density lipoprotein cholesterol is $\leq \pm 15\%$ ;<br>The relative deviation of glucose is $\leq \pm 10\%$ .                                            | TC  | 5.7%         |                  | <input checked="" type="checkbox"/> Qualified<br><input type="checkbox"/> Unqualified |  |
|                  |                                                                                                                                                                                                                                                                                                                             | TG  | 0.9%         |                  |                                                                                       |  |
|                  |                                                                                                                                                                                                                                                                                                                             | HDL | -4.2%        |                  |                                                                                       |  |
|                  |                                                                                                                                                                                                                                                                                                                             | GLU | 2.1%         |                  |                                                                                       |  |
| Conclusion       | Pass                                                                                                                                                                                                                                                                                                                        |     |              |                  |                                                                                       |  |
| Inspector/Date   | Wang Xinyu 2026.05.16                                                                                                                                                                                                                                                                                                       |     | Checker/Date | Ma Yu 2026.05.16 |                                                                                       |  |

