

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 Blood lipid and glucose test card (dry chemical method) inspection		
Product batch number	2026020401	Product specifications	20 pieces per box
Batch production volume	200 boxes	Date of manufacture	2026.02.04
Sampling quantity	30 boxes	Inspection date	2026.02.09
Report Number	56005-20260201	Report Date	2026.02.09

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 <input type="checkbox"/> Unqualified
	Width: The width of the test card strip is 4.8 ± 0.1 mm.	<u>4.80</u> mm	
Blank limit	Each item should not be higher than 0.3 mmol/L.	TC	0.0
		TG	0.0
		HDL	0.0
		GLU	0.0
Linear	Total cholesterol is in a linear range, and the correlation $r \geq 0.975$; In the linear range of triglyceride, the correlation $r \geq 0.975$; High density lipoprotein cholesterol is in a linear range, and the correlation $r \geq 0.975$; In the linear range of glucose, the correlation $r \geq 0.975$.	TC	0.9965
		TG	0.9947
		HDL	0.9953
		GLU	0.9931
			<input checked="" type="checkbox"/> Qualified <input type="checkbox"/> Unqualified

Repeatability	The coefficient of variation of total cholesterol $cv \leq 7.5\%$; Coefficient of variation of triglyceride $cv \leq 6\%$; The coefficient of variation of high density lipoprotein cholesterol $cv \leq 7.5\%$; Coefficient of variation of glucose $CV \leq 5\%$.		L	H	<input checked="" type="checkbox"/> Qualified <input type="checkbox"/> Unqualified
		TC	4.3%	3.8%	
		TG	3.5%	4.0%	
		HDL	5.1%	6.2%	
		GLU	3.1%	2.7%	
Batch difference	The difference between batches of total cholesterol is $\leq 15\%$; The difference between batches of triglycerides is less than or equal to 15%; The difference between batches of high density lipoprotein cholesterol is $\leq 15\%$; The difference between batches of glucose is less than or equal to 10%.	TC	7.8%		<input checked="" type="checkbox"/> Qualified <input type="checkbox"/> Unqualified
		TG	8.4%		
		HDL	5.6%		
		GLU	4.0%		
Accuracy	The relative deviation of total cholesterol is $\leq \pm 10\%$; The relative deviation of triglyceride is $\leq \pm 15\%$; The relative deviation of high density lipoprotein cholesterol is $\leq \pm 15\%$; The relative deviation of glucose is $\leq \pm 10\%$.	TC	3.8%		<input checked="" type="checkbox"/> Qualified <input type="checkbox"/> Unqualified
		TG	7.9%		
		HDL	-2.7%		
		GLU	6.5%		
Conclusion	PASS				
Inspector/Date	MA YU 2026.02.09		Checker/Date	Wangxin Yu 2026.02.09	

