

光刻质控品说明书

【产品名称】：光刻质控品

【规格】：光刻质控品*1

【型号】：YH-QC100

【产品内容】：

光刻计数板（高）*1、光刻计数板（中）*1、光刻计数板（低）*1、质控试剂盒（高）*1、质控试剂盒（中）*1、质控试剂盒（低）*1。

【预期用途】

适用于基于图像法对样本（血液、粪便、尿液等）中有形成分进行分析的仪器质控。

【产品原理】

在光刻计数板（质控物）的指定区域，使用光刻法刻印图形，在基于图像法的分析仪上检测时，可根据仪器对图形的识别效果对仪器成像及算法识别状态进行评估。质控试剂盒中固定色块可评估仪器光电读值的准确性。

【储存条件及有效期】

常温保存，光刻计数板为易碎品，请注意保护其不被挤压或从高处掉落。

请将光刻计数板放置于专用置物盒内，保护其不被划伤和磨损，以免影响质控结果。

使用有效期：2年。如观察到计数板的光刻区域有明显划痕和磨损请停止使用。

【使用方法】

1、在仪器上进入质控模块。

2、点击干式质控，根据仪器提示放入光刻计数板、质控试剂盒，仪器将自动完成质控检测。

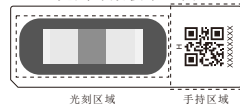
操作时请注意：

- 请穿戴橡胶手套进行操作，防止计数板沾染灰尘。
- 请注意务必保持正面朝上。（二维码标记朝上）
- 拿取光刻计数板时请紧握手持区域，请勿触摸光刻区域。
- 拿取质控试剂盒时，请紧握手持区域，不要紧握检测区域。
- 进行质控检测时，需放入同一水平的光刻计数板与质控试剂

盒需搭配使用（如，高水平光刻计数板搭配高水平质控试剂盒，请注意观察标签），否则将导致质控结果不合格。

- 放入光刻计数板前，请观察光刻区域是否有脏污/灰尘/划痕/磨损。如有脏污/灰尘请先进行清洁操作。如有严重划痕与磨损，请停止使用。
- 检测完成，请将光刻计数板和质控试剂盒放回置物盒中。

光刻计数板示意图



质控试剂盒示意图



3、查看质控检测结果。

检测完成后仪器将显示本次质控的结果及LJ质控图。

【清洁方法】

如发现光刻计数板或质控试剂盒有明显脏污，请参照以下方法进行清洗：

光刻计数板：用洁净的棉签或无尘布蘸酒精擦拭光刻计数板表面，去除脏污或灰尘，待酒精挥发干净后装入配套置物盒中。

质控试剂盒：用洁净的棉签或无尘布蘸酒精擦拭质控试剂盒的检测区域，去除脏污或灰尘，待酒精挥发干净后装入盒子中。

Lithography Quality Control Kit Instructions for Use

For in vitro diagnostic use only. For professional use only.

【Product Name】

Lithography Quality Control Kit

【Model】

YH-QC100

【Specifications】

Photolithography counting plate (High) ×1, Photolithography counting plate (Medium) ×1, Photolithography counting plate (low) ×1, Quality control kit (High) ×1, Quality control kit (Medium) ×1, Quality control kit (Low) ×1.

【Intended Use】

Suitable for instrument quality control for the analysis of formed elements in samples (blood, feces, urine, etc.) based on the image method.

【Principle】

In the designated area of the photolithography counting plate (quality control material), the pattern is photolithographically imprinted. When detected by the image-based analyzer, the instruments imaging and algorithm recognition status can be evaluated based on its pattern recognition performance. The fixed color blocks in the quality control kit can assess the accuracy of the instruments photoelectric readings.

【Storage conditions】

Store at room temperature. The photolithography counting board is fragile. Please protect it from being crushed or dropped from a height.

Store the photomask in a dedicated storage box to protect it from scratches and wear, which may affect quality control results.

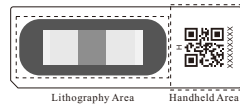
Valid for 2 years. Stop using if you notice scratches or wear on the photolithography area of the counting board.

【Test Procedure】

1. Enter the quality control module on the Analyzer.
2. Click dry quality control, according to the Analyzer prompt to put the Photolithography counting plate and Quality control kit, the Analyzer will automatically complete the quality control test.
3. Quality control test results.

After the test, the Analyzer will display the result of the quality control and LJ quality control chart.

Schematic diagram of photometer counter



Schematic diagram of quality control kit



【Precautions for use】

- Please wear rubber gloves to prevent the counter from being contaminated with dust.
- Please be sure to keep it face up. (QR code tag up)
- When taking the Photolithography counting plate, hold the hand area and do not touch the lithography area.
- When taking the Quality control kit, hold the hand area, do not hold the test area.
- When performing quality control test, the level of the Photolithography counting plate should be matched with the Quality control kit (For example, high level Photolithography counting plate should be paired with high level Quality control kit, please pay attention to the label), otherwise the quality control result will not pass.
- Before placing the Photolithography counting plate, check whether there is dirt/dust/scars/wear in the lithography area. If there is dirt/dust, clean it first. If there are serious scratches and wear, stop using it.
- After the test is completed, put the Photolithography counting plate and Quality control kit back into the storage box.

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【Cleaning method】

- If the Photolithography counting plate or Quality control kit is found to be visibly dirty, please refer to the following methods for cleaning:
- Photolithography counting plate: Clean the surface of the Photolithography counting plate with a clean cotton swab or dust-free cloth dipped in alcohol to remove dirt or dust. After the alcohol evaporates, put it into the matching storage box.
- Quality control kit: use a clean cotton swab or dust cloth to wipe the detection area of the quality control kit with alcohol, remove dirt or dust, and put it into the box after the alcohol evaporates.

【Interpretation of Symbols】

	Manufacturer		Use-by date
	Consult instructions for use		Temperature limit
	Date of manufacture		CE Marking
	Batch code		Keep dry
	Caution		Authorized Representative in European Community
	Do not use if package is damaged and consult instructions for use		

【Manufacture Information】

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