

Hemia 5D Diluent Instruction

【Product name】

Sicuro Name: 5D Diluent

Full Name: Diluent

【Packing specifications】

Type: 5D Diluent

Specification 1: 20L

REF:23042000

【Intended use】

This product is used for dilution of blood samples and preparing cell suspensions prior to analysis of the cells.

【Inspection principle】

This product is a solution with a certain ionic strength and conductivity which can dilute the blood and form a sheath flow, provide a stable environment for the blood cell count.

【Main compositions】

Na₂SO₄, buffer, antibacterial agent

【Storage conditions and Validity】

This product should be stored between 2°C~30°C, the shelf life of diluent is 2 years from the date of manufacture. If stored between 15°C~30°C, the validity for the opened reagent is 60 days.

【Application range】

Applicable to 5-part Auto Hematology Analyzers manufactured by Sicuro Bioengineering Ltd.

【Sample requirements】

The collection of samples requires no agglomeration and contamination, the samples should be used in 4 hours.

【Use method】

Restore the diluent to room temperature, open the package, insert the corresponding diluent catheter vertically into the bucket according to the reagent cap and the bottle cap color correspondence, and tighten the cap assembly, and follow the instructions in the instrument to carry out reagent replacement operation. And then blank measurement, before the sample test make sure the measured value in the instrument manual required blank count range, please refer to the instruction manual for the specific use.

【Reference value】

Not applicable

【Performance indicators】

This product should be colorless transparent liquid, without precipitation, granules, or floccule. Blank value: WBC $\leq 0.2 \times 10^9/L$, RBC $\leq 0.02 \times 10^{12}/L$, HGB $\leq 1g/L$, PLT $\leq 10 \times 10^9/L$.

【Warning】

1. Do not drink, once the liquid flows into your mouth, avoid contact with the skins, once get contacted, immediately wash with big amount of water, and go to see a doctor immediately.
2. Do not use after the expiry date.
3. If there is a freeze phenomenon, thaw at room temperature, mix well, make sure that the blank value is within the scope of the instrument requirements.

4. Dispose the waste, and residual reagents in accordance with local regulations and related environmental requirements.

The following factors will interfere the tests:

1. The reagents expired or become invalid.
2. Reagents get contaminated by the dust in the air.
3. Samples were not handled cleanly.
4. Mixed or combined with other factories' reagents.

【References】

Refer to instruction manual

【Symbols explanation】

Label	Meaning
	Date of manufacture
IVD	In vitro diagnostic medical device
	Manufacturer
LOT	Batch code
	Temperature limit
	Use-by date
	Volume
	Consult instructions for use
	Do not re-use
	Keep away from sunlight
	Contains sufficient for <n>tests
REF	Catalogue number

【Manufacturer】



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【Instruction approved and revised date】

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【Guarantee and Technical Support】

If invalid message repeats or need technical support, please contact Sicurobio Customer Service and Support Center. @+2348037219600