

Immunoassay

REF

CMO0101/CMO0102/CMO0103

110ml*2 sets / 110ml*1 set / 110ml*5 sets

Chemiluminescent substrate

Chemiluminescent substrate is used in conjunction with matching reagent kits which based on a. Chemiluminescent microparticle immunoassay (CLIA Microparticles) technology in the detection of measurand for in vitro diagnostic.

Key to Graphical Symbols Used

LOT

batch code



use by



manufacturer



contains sufficient for <n> tests

IVD
in vitro diagnostic medical device


temperature limitation

REF

catalogue number



consult instructions for use

EC

REP

authorized representative in the European Community

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For any technical assistance please contact us in English at:

Email: customerservice@autobio.com.cn

Contact your local dealer for all product-related questions in your local language.

Measurement principle

After luminol or its derivant and HRP reacted with oxidant in the alkaline solution, a peroxide is produced and transfer to Amino acid ion, which acting as luminophor and resulting in a *Chemiluminescent reaction*.

Materials provided

name	1 set/pack	2 sets/pack	5sets/pack
Substrate A	110ml*1bottle	110ml*2bottles	110ml*5bottles
Substrate B	110ml*1bottle	110ml*2bottles	110ml*5bottles

Note: the indicated reagent volume for the components is only the minimum amount.

Warnings and Precautions

1. For professional use only.
2. Follow the instruction for use carefully. Reliability of assay results cannot be guaranteed if there are any deviations from the instructions in this instruction for use.
3. Do not smoke, drink, eat or use cosmetics in the working area.
4. Wear protective clothing and disposable gloves when dealing with samples and reagents. Wash hands after operations.
5. Conduct chemiluminescent substrate away from bad ambient conditions. E.g ambient air containing high concentration corrosive gas such as sodium hypochlorite acid, alkaline, acetaldehyde and so on, containing dust.
6. Do not use solution beyond the labeled expiry date. Store the remaining solution in the analyzer, and be certain the lid is securely sealed.
7. Do not mix substitute solution from other manufacturers or other lots.
8. When any damage to the protective packaging is observed, do not use the kit.
9. Avoid contact to skin or eyes, be sure not to intake or inhale the solution which is intensively alkaline.if happened as follows:
Skin contact: take off contaminated cloths, wash the area extensively with water, and seek for medical treatment if necessary
Intake:rinse the mouth immediately, maintain respiratory tract unimpeded and seek for medical treatment if necessary.

Limitations of the Procedure

Oxidizing substances or analogues of horseradish peroxidase may affect the test results.

Storage

1. Store at 2-8. °C Avoid strong light and freeze/thaw cycles, chemiluminescent substrate is stable until the expiration date.
2. Store in the analyzer immediately after opening, under which conditions the stability will be retained for 30 days.

Measurement Procedure

1. Verify adequate volume of consumable materials is present prior to running the test.
2. Refer to the Assay Analyzer's operation manual.

Measurement Results

- 1.this reagent cannot be used alone.it needs to be used with immunoassay kits.
- 2.the results should be analyzed by calculation method of the kit.

Literature References

1. Liu jinlong, qiao huili, deng zepei ect. Chemistry, chemiluminescence immunoassay technology 2000:63(7).
2. Qi hongjuan, chen suhong, wang shengqi. National academy of military medicine research progresss of horseradish peroxidase substrate 2007: 31(6):560-56.
3. Shen suanxin,zhou rulin, seience and technology press of hebei province, experimnt technology of modern immunology 1998,145-147.