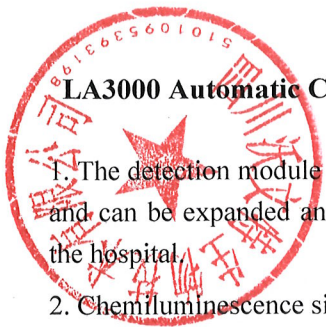




LA3000 Automatic Chemiluminescence Immunoassay Analyzer Technical Parameters

1. The detection module can be connected to the biochemical analyzer and immunoassay analyzer, and can be expanded and upgraded free of charge according to the future development needs of the hospital.
 2. Chemiluminescence single machine/single module detection speed ≥ 300 tests/hour.
 3. The first result of chemiluminescence is ≤ 15 minutes.
 4. Chemiluminescent sample injection: rack-type injection, one-time sample loading capacity ≥ 240 samples.
 5. ▲ The chemiluminescent sample aspiration needle directly aspirates samples without the need for disposable Tip consumables.
 6. Chemiluminescence single machine/single module reagent position: with refrigeration function, reagent position ≥ 30 .
 7. Chemiluminescence single machine/single module reaction tube: one-time loading ≥ 2000 .
 8. Reagent kit: barcode scanning can be performed automatically, and the use of reagents and consumables can be monitored remotely.
 9. ▲ Multi-layer coated test kit, no need to open the cover to take reagents, effectively avoiding reagent volatilization;
 10. Mixing method: non-contact eccentric vortex mixing or ultrasonic mixing.
 11. System carryover contamination rate $\leq 10\text{PPM}$;
 12. ▲ Hormone tests can be carried out (total beta human chorionic gonadotropin, estradiol, prolactin, progesterone, testosterone, anti-Mullerian hormone, unconjugated estriol, inhibin A, inhibin B, pregnancy-associated plasma protein A).
 13. ▲ Myocardial marker projects (creatinine kinase isoenzymes, high-sensitivity cardiac troponin I, myoglobin, B-type natriuretic peptide, N-terminal pro-brain natriuretic peptide) can be carried out.
 14. It can carry out thyroid function tests (thyroid stimulating hormone, free thyroxine, free triiodothyronine, triiodothyronine, thyroxine, anti-thyroglobulin antibodies, anti-thyroid peroxidase antibodies, thyroid stimulating hormone receptor antibodies, thyroglobulin, and anti-triiodothyronine).
 15. ▲ Infectious disease projects can be carried out (hepatitis B virus surface antigen, hepatitis B virus surface antibody, hepatitis B virus e antigen, hepatitis B virus e antibody, hepatitis B virus core antibody, the above five items are required to be fully quantitative and supporting evidence must be provided).
 16. ▲ Tumor marker projects can be carried out (carcinoembryonic antigen, alpha-fetoprotein, carbohydrate antigen 125, carbohydrate antigen 153, carbohydrate antigen 199, carbohydrate antigen 724, pepsinogen I, pepsinogen II, gastrin-17, gastrin-releasing peptide precursor, human epididymis protein 4, $\beta 2$ -microglobulin).
- 

17. ▲Cytokines (interleukin 1 β , interleukin 2 receptor, interleukin 2, interleukin 4, interleukin 5, interleukin 6, interleukin 8, interleukin 10, interleukin 12p70, interleukin 17A, interleukin 17F, interleukin 18, interleukin 22, α -interferon, γ -interferon, tumor necrosis factor) can be carried out.

18. ▲Can carry out infertility testing (anti-sperm antibody IgM, anti-sperm antibody IgG, anti-ovarian antibody IgM, anti-ovarian antibody IgG, anti-endometrial antibody IgM, anti-endometrial antibody IgG, anti-cardiolipin antibody IgM, anti-cardiolipin antibody IgG, anti-cardiolipin antibody IgA, anti-cardiolipin antibody IgA/G/M)

19. Other items: anti-cyclic citrullinated peptide antibody, ferritin, growth hormone, thrombomodulin

20. The fully automatic sample processing system is equipped with independent supporting data management software, which can set up automatic audit and critical value management functions according to laboratory audit rules. The software can view the project quality control information of multiple instruments in the form of graphs on the same interface.

21. Samples can be automatically retested, diluted, and sent for other functions based on audit rules.



LA3000 Automatic Chemiluminescence Immunoassay Analyzer Technical Parameters

1. The detection module can be connected to the biochemical analyzer and immunoassay analyzer, and can be expanded and upgraded free of charge according to the future development needs of the hospital.
2. Chemiluminescence single machine/single module detection speed ≥ 300 tests/hour.
3. The first result of chemiluminescence is ≤ 15 minutes.
4. Chemiluminescent sample injection: rack-type injection, one-time sample loading capacity ≥ 240 samples.
5. ▲The chemiluminescent sample aspiration needle directly aspirates samples without the need for disposable Tip consumables.
6. Chemiluminescence single machine/single module reagent position: with refrigeration function, reagent position ≥ 30 .
7. Chemiluminescence single machine/single module reaction tube: one-time loading ≥ 2000 .
8. Reagent kit: barcode scanning can be performed automatically, and the use of reagents and consumables can be monitored remotely.
9. ▲Multi-layer coated test kit, no need to open the cover to take reagents, effectively avoiding reagent volatilization;
10. Mixing method: non-contact eccentric vortex mixing or ultrasonic mixing.
11. System carryover contamination rate $\leq 10\text{PPM}$;
12. ▲Hormone tests can be carried out (total beta human chorionic gonadotropin, estradiol, prolactin, progesterone, testosterone, anti-Mullerian hormone, unconjugated estriol, inhibin A, inhibin B, pregnancy-associated plasma protein A).
13. ▲Myocardial marker projects (creatine kinase isoenzymes, high-sensitivity cardiac troponin I, myoglobin, B-type natriuretic peptide, N-terminal pro-brain natriuretic peptide) can be carried out.
14. It can carry out thyroid function tests (thyroid stimulating hormone, free thyroxine, free triiodothyronine, triiodothyronine, thyroxine, anti-thyroglobulin antibodies, anti-thyroid peroxidase antibodies, thyroid stimulating hormone receptor antibodies, thyroglobulin, and anti-triiodothyronine).
15. ▲Infectious disease projects can be carried out (hepatitis B virus surface antigen, hepatitis B virus surface antibody, hepatitis B virus e antigen, hepatitis B virus e antibody, hepatitis B virus core antibody, the above five items are required to be fully quantitative and supporting evidence must be provided).
16. ▲Tumor marker projects can be carried out (carcinoembryonic antigen, alpha-fetoprotein, carbohydrate antigen 125, carbohydrate antigen 153, carbohydrate antigen 199, carbohydrate antigen 724, pepsinogen I, pepsinogen II, gastrin-17, gastrin-releasing peptide precursor, human epididymis protein 4, $\beta 2$ -microglobulin).

17. ▲Cytokines (interleukin 1 β , interleukin 2 receptor, interleukin 2, interleukin 4, interleukin 5, interleukin 6, interleukin 8, interleukin 10, interleukin 12p70, interleukin 17A, interleukin 17F, interleukin 18, interleukin 22, α -interferon, γ -interferon, tumor necrosis factor) can be carried out.
18. ▲Can carry out infertility testing (anti-sperm antibody IgM, anti-sperm antibody IgG, anti-ovarian antibody IgM, anti-ovarian antibody IgG, anti-endometrial antibody IgM, anti-endometrial antibody IgG, anti-cardiolipin antibody IgM, anti-cardiolipin antibody IgG, anti-cardiolipin antibody IgA, anti-cardiolipin antibody IgA/G/M)
19. Other items: anti-cyclic citrullinated peptide antibody, ferritin, growth hormone, thrombomodulin
20. The fully automatic sample processing system is equipped with independent supporting data management software, which can set up automatic audit and critical value management functions according to laboratory audit rules. The software can view the project quality control information of multiple instruments in the form of graphs on the same interface.
21. Samples can be automatically retested, diluted, and sent for other functions based on audit rules.

