



Troubleshooting for Biochemical Detection

1. Large difference between duplicate tubes/wells

- 1) Limitations of detection methods and principle.
- 2) The reagents have not been balanced to room temperature, especially for those kits which are rigorous for temperature condition.
- 3) The precision and proficiency of operators.

2. Low signal value

- 1) The detection instrument has not been pre-warmed.
- 2) Wrong detection wavelength.
- 3) Sample preservation time is too long or temperature is not proper.
- 4) There is interferon introduced during the sample collection.
- 5) Some components of the kit are invalid.

3. The result comparison is not satisfactory

- 1) There is no comparability between the results because the different detection principles.
- 2) Different reagents and anti-interfere ability lead to different results.
- 3) Different preparation of standards leads to different results.

