Clinical Study Report of hCG Pregnancy Rapid Test (Cut-off:25mlU/ml&20mlU/ml&10mlU/ml)

| Test company: | Guangxi zhuang autonomous region, |
|--------------------------------|--|
| | Institute of skin disease prevention and |
| | control |
| Company applying for the test: | Hangzhou AllTest Biotech Co., Ltd |
| Contact person: | Joyce Pan |
| Contact way: | 0571-56267857 |

Clinical Study Report of hCG Pregnancy Rapid Test

(Cut-off:25mIU/mI&20mIU/mI&10mIU/mI)

1 Purpose of the test

Through testing on certain quantity of representative specimens, and through scientific and reasonable statistic analysis on the results, thus evaluate the consistency between test results of hCG pregnancy rapid test produced by Hangzhou AllTest Biotech Co., Ltd and the contrast test device, and evaluate its clinical application ability.

2 Overall design of the test

Parallel-group test is adopted, and the already launched product with the same theory is taken as contrast device. The hCG pregnancy rapid test produced by our company (abbreviated as AllTest test device in the following) and the contrast test device will do parallel test on the same clinical specimen. We'll record the results respectively, and do hypothesis testing on the enumeration data by a 2x2 contingency table, thus evaluate the consistency between AllTest test device and the contrast device.

3 Study methods

3.1 specimen size and confirming basis

According to "Guiding principle of clinical study technique of in vitro diagnostic device", this product belongs to in vitro diagnostic device category II. In order to follow the guiding principle, and in the meantime inspect in a wider range the function of AllTest device. The target total specimen size of this clinical test is confirmed as 916 cases. The target urine specimen size of this clinical test is confirmed as 608 cases. The target serum/plasma specimen size of this clinical test is confirmed as 308 cases.

3.2 Specimen selection

hCG test device (Colloidal gold method) applies to qualitative test on hCG antigen in human urine, and assist diagnose whether the specimen provider is pregnant. Patients who are under outpatient service, emergency treatment, and who remain in hospital for further observation or be hospitalized, in order to test whether they pregnant should be selected. Suitable specimen for AllTest device and the contrast device is urine, serum, or plasma. The collection of specimens should be operated strictly following the requirements of the instructions of AllTest device and the contrast device. The testing on the specimens and the judgment of the results will also strictly follow the requirements of the instructions of AllTest device.

In order to protect the privacy of specimen providers, no name of specimen providers will appear on the test records.

3.3 The selection of contrast device and the confirming method

There are products in the same category already launched presently, and the similar device which was approved by CE registration, the test device produced by ABON Biopharm (Hangzhou) Co., Ltd is taken as contrast device for this test. In case of different test results out of AllTest device and the contrast device, the method Elisa will be adopted for confirmation.

The AllTest devices Cut-off: 25mIU/ml is:

hCG Pregnancy Rapid Test Dipstick(Urine): Lot#HCG14010001-T, Lot#HCG14010046-T; hCG Rapid Test Cassette(Urine): Lot#HCG14010004-T, Lot#HCG14010049-T; hCG Rapid Test Midstream(Urine): Lot#HCG14010007-T, Lot#HCG14010052-T; hCG Rapid Test Dipstick(Serum/Plasma/Urine): Lot# HCG14010028-T; hCG Rapid Test Cassette(Serum/Plasma/Urine): Lot# HCG14010031-T; The ABON devices Cut-off: 25mIU/ml is:

hCG Rapid Test Cassette(Serum/Plasma/Urine): Lot# HCG3120035

The AllTest devices Cut-off: 20mIU/ml is:

hCG Pregnancy Rapid Test Dipstick(Urine): Lot#HCG14010010-T, Lot#HCG14010055-T;

hCG Rapid Test Cassette(Urine): Lot#HCG14010013-T, Lot#HCG14010058-T;

hCG Rapid Test Midstream(Urine): Lot#HCG14010016-T, Lot#HCG14010061-T;

hCG Rapid Test Dipstick(Serum/Plasma/Urine): Lot# HCG14010034-T;

hCG Rapid Test Cassette(Serum/Plasma/Urine): Lot# HCG14010037-T;

The ABON devices Cut-off: 20mIU/mI is:

hCG Rapid Test Cassette(Serum/Plasma/Urine): Lot# HCG3110011

The AllTest devices Cut-off: 10mIU/ml is:

hCG Pregnancy Rapid Test Dipstick(Urine): Lot#HCG14010019-T, Lot#HCG14010064-T;

hCG Rapid Test Cassette(Urine): Lot#HCG14010022-T, Lot#HCG14010067-T;

hCG Rapid Test Midstream(Urine): Lot#HCG14010025-T, Lot#HCG14010070-T;

hCG Rapid Test Dipstick(Serum/Plasma/Urine): Lot# HCG14010040-T;

hCG Rapid Test Cassette(Serum/Plasma/Urine): Lot# HCG14010043-T;

The ABON devices Cut-off: 10mIU/mI is:

hCG Rapid Test Cassette(Serum/Plasma/Urine): Lot# HCG3120048

4 Statistic analysis techniques of the test results

This test adopts statistic analysis on matched numeration data, and it is recorded and analyzed in the form of fourfold tables. Refer to the following:

| | | Contr | Tatal | |
|--------|----------|----------|----------|-------|
| | | Positive | Negative | Total |
| Tested | Positive | а | b | r1 |
| device | Negative | С | d | r2 |
| Total | | C1 | C2 | Ν |

Table 1 Fourfold table evaluating the diagnostic device

Positive coincidence rate= $[a/(a+c)] \times 100\%$

Negative coincidence rate=[d/(b+d)]×100%

Total coincidence=[(a+d)/(a+b+c+d)] ×100%

Kappa consistency test is conducted on the results, and the Kappa value is between 0-1. The closer the Kappa value is to 1, it means better consistency between the results of the two devices. Normally consistency is approved when Kappa value is greater than 0.75.

Kappa=
$$\frac{N(a+d) - (\gamma_1 C_1 + \gamma_2 C_2)}{N^2 - (\gamma_1 C_1 + \gamma_2 C_2)}$$

5 Result of the clinical test for urine specimen

5.1 Cut-off: 25mIU/mI

Among altogether 608 cases of urine specimens, HCG: 231 positive cases and 377 negative cases were detected by AllTest device. Refer to below table

| | | ABON device HCG3120035 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | TOLAI |
| AllTest Dipstick | Positive | 231 | 0 | 231 |
| HCG14010001-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Table - Fourfold table of hCG test result

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Table – Fourfold table of hCG test result

| | | ABON device HCG3120035 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | Total |
| AllTest Cassette | Positive | 231 | 0 | 231 |
| HCG14010004-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

| | | ABON device HCG3120035 | | Total | |
|-------------------|----------|------------------------|----------|-------|--|
| | | Positive | Negative | TOLAI | |
| AllTest Midstream | Positive | 231 | 0 | 231 | |
| HCG14010007-T | Negative | 0 | 377 | 377 | |
| Total | | 231 | 377 | 608 | |

Table - Fourfold table of hCG test result

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Table – Fourfold table of hCG test result

| | | ABON device HCG3120035 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | TOLAI |
| AllTest Dipstick | Positive | 231 | 0 | 231 |
| HCG14010046-T | Negative | 0 | 377 | 377 |
| Total | | | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Table – Fourfold table of hCG test result

| | | ABON device HCG3120035 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | TOLAI |
| AllTest Cassette | Positive | 231 | 0 | 231 |
| HCG14010049-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Table - Fourfold table of hCG test result

| | | ABON device HCG3120035 | | - Total | |
|-------------------|----------|------------------------|----------|---------|--|
| | | Positive | Negative | TOLAI | |
| AllTest Midstream | Positive | 231 | 0 | 231 | |
| HCG14010052-T | Negative | 0 | 377 | 377 | |
| Total | | 231 | 377 | 608 | |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Table - Fourfold table of hCG test result

ABON device HCG3120035 Total Positive Negative Positive 231 0 231 AllTest Dipstick

| B | | | | |
|---------------|----------|-----|-----|-----|
| Total | | 231 | 377 | 608 |
| HCG14010028-T | Negative | 0 | 377 | 377 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Table - Fourfold table of hCG test result

| | | ABON device HCG3120035 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | TOLAI |
| AllTest Cassette | Positive | 231 | 0 | 231 |
| HCG14010031-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1 Among altogether 308 cases of serum/plasma specimens, HCG: 68 positive cases and 240 negative cases were detected by AllTest device. Refer to below table

Table – Fourfold table of hCG test result

| | | ABON device HCG3120035 | | Totol |
|---------------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | Total |
| AllTest Dipstick Positive | | 68 | 0 | 68 |
| HCG14010028-T | Negative | 0 | 240 | 240 |
| Total | | 68 | 240 | 308 |

Positive coincidence rate=68/ (68+0) *100%=100.0%

Negative coincidence rate=240/ (0+240) *100%=100.0%

Total coincidence rate= (68+240) / (68+0+0+240)*100% = 100.0%

Kappa=1

Table – Fourfold table of hCG test result

| | | ABON device HCG3120035 | | Totol |
|---|--|------------------------|----------|-------|
| | | Positive | Negative | Total |
| AllTest CassettePositiveHCG14010031-TNegative | | 68 | 0 | 68 |
| | | 0 | 240 | 240 |
| Total | | 68 | 240 | 308 |

Positive coincidence rate=68/ (68+0) *100%=100.0%

Negative coincidence rate=240/ (0+240) *100%=100.0%

Total coincidence rate= (68+240) / (68+0+0+240)*100% = 100.0% Kappa=1

According to above tables, the positive coincidence rate between AllTest device and the contrast

device is 100.0%, negative coincidence rate is 100.0%, and total coincidence rate is 100.0%. Kappa

value reaches 1.

5.2 Cut-off: 20mIU/mI

Among altogether 608 cases of urine specimens, HCG: 231 positive cases and 377 negative cases were detected by AllTest device. Refer to below table

| | | ABON device HCG3110011 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | Total |
| AllTest Dipstick | Positive | 231 | 0 | 231 |
| HCG14010010-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Table – Fourfold table of hCG test result

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Table - Fourfold table of hCG test result

| | | ABON device HCG3110011 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | TOLAI |
| AllTest Cassette | Positive | 231 | 0 | 231 |
| HCG14010013-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0%

Table – Fourfold table of hCG test result

Kappa=1

| | | ABON device HCG3110011 | | Tatal | |
|-------------------|----------|------------------------|----------|-------|--|
| | | Positive | Negative | Total | |
| AllTest Midstream | Positive | 231 | 0 | 231 | |
| HCG14010016-T | Negative | 0 | 377 | 377 | |
| Total | | 231 | 377 | 608 | |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Table – Fourfold table of hCG test result

| | | ABON device HCG3110011 | | Totol |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | Total |
| AllTest Dipstick | Positive | 231 | 0 | 231 |
| HCG14010055-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0%

Kappa=1

| Table – Fourfold table of hCG test result | | | | | |
|---|----------|---------------------------|--|--|--|
| | | ABON device | HCG3110011 | Total | |
| | | Positive | Negative | TOLAI | |
| AllTest Cassette | Positive | 231 | 0 | 231 | |
| HCG14010058-T | Negative | 0 | 377 | 377 | |
| | | AllTest Cassette Positive | ABON device Positive AllTest Cassette Positive 231 | ABON device HCG3110011 Positive Negative AllTest Cassette Positive 231 0 | |

377

Positive coincidence rate=231/ (231+0) *100%=100.0%

Total

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0%

231

Kappa=1

608

| Table – Fourfold table of hCG test result | | | | | |
|---|----------|------------------------|----------|-------|--|
| | | ABON device HCG3110011 | | Tetel | |
| | | Positive | Negative | Total | |
| AllTest Midstream | Positive | 231 | 0 | 231 | |
| HCG14010061-T Negative | | 0 | 377 | 377 | |
| Total | | 231 | 377 | 608 | |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Kappa=1 Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0%

Table – Fourfold table of hCG test result

| | | ABON device HCG3110011 | | Total | |
|------------------|----------|------------------------|----------|-------|--|
| | | Positive | Negative | TOLAI | |
| AllTest Dipstick | Positive | 231 | 0 | 231 | |
| HCG14010034-T | Negative | 0 | 377 | 377 | |
| Total | | 231 | 377 | 608 | |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Table – Fourfold table of hCG test result

| | | ABON device HCG3110011 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | Total |
| AllTest Cassette | Positive | 231 | 0 | 231 |
| HCG14010037-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1 Among altogether 308 cases of serum/plasma specimens, HCG: 68 positive cases and 240 negative cases were detected by AllTest device. Refer to below table

| | | ABON device HCG3110011 | | Tatal | |
|------------------|----------|------------------------|----------|-------|--|
| | | Positive | Negative | Total | |
| AllTest Dipstick | Positive | 68 | 0 | 68 | |
| HCG14010034-T | Negative | 0 | 240 | 240 | |
| Total | | 68 | 240 | 308 | |

Table – Fourfold table of hCG test result

Positive coincidence rate=68/ (68+0) *100%=100.0%

Negative coincidence rate=240/ (0+240) *100%=100.0%

Total coincidence rate= (68+240) / (68+0+0+240)*100% = 100.0% Kappa=1

| Table – Fourfold ta | able of hCG | test result |
|---------------------|-------------|-------------|
|---------------------|-------------|-------------|

| | | ABON device HCG3110011 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | TOLAI |
| AllTest Cassette | Positive | 68 | 0 | 68 |
| HCG14010037-T | Negative | 0 | 240 | 240 |
| Total | | 68 | 240 | 308 |

Positive coincidence rate=68/ (68+0) *100%=100.0%

Negative coincidence rate=240/ (0+240) *100%=100.0%

Total coincidence rate= (68+240) / (68+0+0+240)*100% = 100.0% Kappa=1

According to above tables, the positive coincidence rate between AllTest device and the contrast

device is 100.0%, negative coincidence rate is 100.0%, and total coincidence rate is 100.0%. Kappa

value reaches 1.

5.3 Cut-off: 10mIU/ml

Among altogether 608 cases of urine specimens, HCG: 231 positive cases and 377 negative cases were detected by AllTest device. Refer to below table

| - | | ABON device HCG3120048 | | Tatal |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | Total |
| AllTest Dipstick | Positive | 231 | 0 | 231 |
| HCG14010019-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Table – Fourfold table of hCG test result

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0%

Table – Fourfold table of hCG test result

Kappa=1

| | | ABON device HCG3120048 | | Tatal | |
|------------------|----------|------------------------|----------|-------|--|
| | | Positive | Negative | Total | |
| AllTest Cassette | Positive | 231 | 0 | 231 | |
| HCG14010022-T | Negative | 0 | 377 | 377 | |
| Total | | 231 | 377 | 608 | |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0%

Table – Fourfold table of hCG test result

| | | ABON device HCG3120048 | | Totol |
|-------------------|----------|------------------------|----------|-------|
| - | | Positive | Negative | Total |
| AllTest Midstream | Positive | 231 | 0 | 231 |
| HCG14010025-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0%

Kappa=1

| lt |
|----|
| |

| | | ABON device HCG3120048 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | TOLAI |
| AllTest Dipstick | Positive | 231 | 0 | 231 |
| HCG14010064-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0%

Kappa=1

| Table – Fourfold table of hCG test result | | | | | |
|---|----------|------------------------|----------|---------|--|
| | | ABON device HCG3120048 | | Total | |
| | | Positive | Negative | - Total | |
| AllTest Cassette | Positive | 231 | 0 | 231 | |
| HCG14010067-T | Negative | 0 | 377 | 377 | |
| Total | | 231 | 377 | 608 | |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Kappa=1 Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0%

Table – Fourfold table of hCG test result

| | | ABON device HCG3120048 | | Total |
|-------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | TOLAI |
| AllTest Midstream | Positive | 231 | 0 | 231 |
| HCG14010070-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Table – Fourfold table of hCG test result

| | | ABON device HCG3120048 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | Total |
| AllTest Dipstick | Positive | 231 | 0 | 231 |
| HCG14010040-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0%

Kappa=1

Table – Fourfold table of hCG test result

| | | ABON device HCG3120048 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | TOTAL |
| AllTest Cassette | Positive | 231 | 0 | 231 |
| HCG14010043-T | Negative | 0 | 377 | 377 |
| Total | | 231 | 377 | 608 |

Positive coincidence rate=231/ (231+0) *100%=100.0%

Negative coincidence rate=377/ (0+377) *100%=100.0%

Total coincidence rate= (231+377) / (231+0+0+377)*100% = 100.0% Kappa=1

Among altogether 308 cases of serum/plasma specimens, HCG: 68 positive cases and 240 negative cases were detected by AllTest device. Refer to below table

| Table – Fourfold table of hCG test resu |
|---|
|---|

| | | ABON device HCG3120048 | | Total |
|------------------|----------|------------------------|----------|-------|
| | | Positive | Negative | Total |
| AllTest Dipstick | Positive | 68 | 0 | 68 |
| HCG14010040-T | Negative | 0 | 240 | 240 |
| Total | | 68 | 240 | 308 |

Positive coincidence rate=68/ (68+0) *100%=100.0%

Negative coincidence rate=240/ (0+240) *100%=100.0%

Total coincidence rate= (68+240) / (68+0+0+240)*100% = 100.0%

Kappa=1

| | | ABON device HCG3120048 | | Total | |
|------------------|----------|------------------------|----------|-------|--|
| | | Positive | Negative | Total | |
| AllTest Cassette | Positive | 68 | 0 | 68 | |
| HCG14010043-T | Negative | 0 | 240 | 240 | |
| Total | | 68 | 240 | 308 | |

Table - Fourfold table of hCG test result

Positive coincidence rate=68/ (68+0) *100%=100.0%

Negative coincidence rate=240/ (0+240) *100%=100.0%

Total coincidence rate= (68+240) / (68+0+0+240)*100% = 100.0% Kappa=1

According to above tables, the positive coincidence rate between AllTest device and the contrast device is 100.0%, negative coincidence rate is 100.0%, and total coincidence rate is 100.0%. Kappa value reaches 1.

6 Conclusions:

There are clinical tests on total 916 cases of specimens, and parallel-group study is conducted on AllTest device and the contrast device. Through Kappa consistency check on the results, the total coincidence rate between the test results of AllTest device and ABON contrast device is 100.0%, and Kappa consistency test result is 1, which means the two has got high coincidence in the aspect of hCG test.

Confirming of the test company: Guangxi zhuang autonomous region, Institute of skin disease prevention and control Confirming of the applying Hangzhou AllTest Biotech Co., Ltd

Date: May.19.2014

Date: May.20.2014