

ICS 13.310
CCS A 92

GA

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA 476-2004

Rapid test strips for human hemoglobin

人血红蛋白金标检验试剂条

(English Translation)

Issued on: March 16, 2004

Implemented on: July 1, 2004

Issued by: Ministry of Public Security of PRC

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and definitions
- 4 Reagent strip classification
- 5 Quality requirements
 - 5.1 Appearance characteristics
 - 5.2 Potency and sensitivity
 - 5.3 Specificity
- 6 Marking, packaging, transportation, storage
 - 6.1 Mark

Foreword

The full technical content of this standard is mandatory.

This standard is proposed and managed by the National Criminal Technology Standardization Committee.

This standard is mainly drafted by. Ministry of Public Security Material Certification Center, Inner Mongolia Autonomous Region Public Security Department.

Drafters of this standard. Wen Peizhong, Li Zhaolong, Zhang Yinglan, Chang Caiqin, Xie Qun, Zhang Haibing, Qi Yingsong, Liu Xinyu.

Human hemoglobin gold standard test reagent strip

1 Scope

This standard specifies the quality requirements, testing methods and testing rules for human hemoglobin gold standard test strips used in forensic evidence testing.

This standard is applicable to the production, inspection and trade of special reagents for human blood (plaque) confirmation test of legal doctor samples.

2 Normative references

The terms in the following documents become the terms of this standard by reference to this standard. All dated references, followed by all Modifications (not including errata

content) or revisions do not apply to this standard, however, parties to agreements based on this standard are encouraged to study it is possible to use the latest version of these files? For undated references, the latest edition applies to this standard.

GB/T 2828.1-2003 - Sampling procedures for sampling by sampling - Part 1 Plan (ISO 2859-1:1999, IDT)

3 Terms and definitions

This standard uses the following terms and definitions.

A reagent strip for testing blood (plaque) species to determine whether a biological sample contains human hemoglobin.

4 Reagent strip classification

4.1

Bar shape.

4.2

Plate shape.

5.1 Appearance characteristics

5.1.1

The reagent strip is straight and tidy.

5.1.2

The width of the reagent strip should be no less than 3mm.

5.1.3

There is a desiccant pack in the sealed package.

5.1.4

Vacuum packaging (optional).

5.1.5

There is a plastic sample suction pipe in the plate package.

5.2 Potency and sensitivity

The test reagent strip should reach 80,000 times within 30 minutes (that is, the reaction of the multi-human mixed human hemoglobin solution diluted to 80,000 times is positive.

(sex); positive for human hemoglobin solution with a concentration greater than or equal to 1000 ng/mL.

5.3 Specificity

Within 30 minutes, 200 times, 1000 times and 5000 times blood red for common animals such as dogs, cattle, sheep, horses, donkeys, pigs, rabbits, chickens, ducks, geese, etc.

There was no positive reaction in the protein dilution.

6.1 Mark

The packaging should have the following signs.