

History of excellence ARKRAY's know-how and expertise has resulted in the development of AUTION Sticks, the most advanced urine test strips.

Urine test strips

AUTIONTM Sticks



(In addition, AUTION Sticks -2EA and Glucose are available.)

ARKRAY's AUTION Sticks represent an enormous investment of company time and resources in producing the most advanced urine test strip for the medical profession. AUTION Sticks help ensure accurate measurements both visually and automatically.

- Covers all items necessary for urine testing. A maximum of 10 items can be simultaneously measured.
- A line of 9 separate test strip types is available. Choose the combination which best suits your testing needs.
- Choice of visual measurement or automatic measurement on an exclusive analyzer.

Dedication and long experience = Complete reliability

AUTION™ Sticks

■ ARKRAY know how and expertise

More than 20 years of knowledge and experience go into every ARKRAY product, which is why the ARKRAY name is associated with advanced, high-speed, automatic urine analyzers at hospitals and labs throughout Japan. AUTION Sticks are manufactured exclusively at ARKRAY's Konan plant. Using only the best raw materials available and an extremely efficient quality control system, superb reproduction with very low variation is guaranteed.

■ Supremely accurate urine test strips

This versatile test strip goes for both visual measurement and automated instrumental measurement. In either method, the result shows optimal accuracy in each test item. With a unique arrangement of reagent pads, cross-contamination is effectively prevented. In addition, AUTION Sticks, with a blank pad on each test strip, ensure high precision even with measurements of colored urine on micro AUTION, as the blank pad compensates for coloring which may be caused by colored urine.

■ Up to 10 items simultaneously measurable with 9 separate test strips

AUTION Sticks cover all necessary test items for complete urine testing: glucose, protein, bilirubin, urobilinogen, pH, S.G., blood, ketones, nitrite, and leucocytes. Nine different sets are available from AUTION Sticks-10EA (10 items) to Glucose (1 item).



ARKRAY's plant in Konan



AUTION Sticks provide both visual and automatic measurements with ARKRAY's exclusive automated analyzer micro AUTION.

| Test item | GLU | PRO | BIL | URO | pH | S.G. | BLD | KET | NIT | LEU |
|--------------|-----|-----|-----|-----|----|------|-----|-----|-----|-----|
| Product name | | | | | | | | | | |
| 10EA | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| 9EA | ● | ● | ● | ● | ● | ● | ● | ● | | ● |
| 8EA | ● | ● | ● | ● | ● | | ● | ● | ● | |
| 7EA | ● | ● | ● | ● | ● | | ● | ● | | |
| 6EA | ● | ● | | ● | ● | | ● | ● | | |
| 5EA | ● | ● | | ● | ● | | ● | | | |
| 4EA | ● | ● | | | ● | | ● | | | |
| 2EA | ● | ● | | | | | | | | |
| Glucose | ● | | | | | | | | | |

* Each bottle contains 100 strips.
Store at room temperature (1-30°C).
2EA and Glucose are visual measurement only

Specifications

| | Measurement principle | Measurement range | Visual measurement time |
|------|--|---------------------------|-------------------------|
| GLU | Glucose oxidase reaction | 50-1000 mg/dl | 60 sec. |
| PRO | Protein-error reaction | 15-1000 mg/dl | 60 sec. |
| BIL | Azo-coupling reaction | 0.5-6.0 mg/dl | 60 sec. |
| URO | Azo-coupling reaction | 2-8 mg/dl | 60 sec. |
| pH | pH indicator | pH 5-9 | 60 sec. |
| S.G. | Cation extraction | S.G. 1.000-1.030 | 60 sec. |
| BLD | Activity measurement of pseudoperoxidase in hemoglobin | hemoglobin 0.06-1.0 mg/dl | 60 sec. |
| KET | Leagal reaction | 5-150 mg/dl | 60 sec. |
| NIT | Grease reaction | nitrite 0.08-0.5 mg/dl | 60 sec. |
| LEU | Activity measurement of esterase in leukocytes | 25-500 Leu/μl | 90 sec. |

Design and specifications may be subject to change without notice.



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