

Description

Semi-quantitative colorimetric test strips for the rapid determination of albumin in serum, plasma, urine and other biological samples using a visual colour-chart comparison.

Specifications

Detection Method	Colorimetric test strip (immobilised albumin-sensitive chromogen; visual colour chart comparison)
Sample Type	Serum, Plasma, Urine
Species Reactivity	All
Assay Time	Approximately 30 seconds colour development
Kit Size	10 strips
Equipment Required	Test strip (visual colour chart comparison)
Storage	Room temperature (keep strips dry and out of direct sunlight)
Shelf Life	6 months
Shipping	Room Temperature

Kit Components

Component	Quantity	Storage
Test Strips	10	Room temperature
Empty Dilution Tubes	10	Room temperature
Instruction Manual	1	Room temperature

Ordering Information

Assay Genie Cat. No.	Pack Size
BA0263	10 strips

Assay Procedure

Note: This is a sample protocol. Protocols are batch/lot specific - always follow the instructions supplied with your kit.

1. Sample preparation: for most serum or plasma samples, dilute 100-fold; most urine samples can be tested undiluted.
2. For samples that do not require dilution, directly transfer 20 μ L of sample and spread evenly across the whole strip reaction pad, then proceed to the colour-development step.
3. For samples requiring a 100-fold dilution, transfer 5 μ L of sample to an empty Dilution Tube, add 495 μ L dH₂O, cap and invert to mix (or pipette up and down), then transfer 20 μ L of the diluted sample and spread evenly across the whole strip reaction pad.
4. Allow colour to develop on the strip for 30 seconds.
5. Compare the colour of the reaction pad to the Albumin Chart shown on the test strip bag; multiply the chart concentration by the dilution used (1 or 100) to determine the albumin concentration in the sample.

Calculation

Albumin concentration = concentration read from the Albumin Chart $\times$ dilution factor used (1 for undiluted samples or 100 for 100-fold diluted samples).

Notes

- For serum or plasma samples a 100-fold dilution is recommended; most urine samples can be tested undiluted.
- Keep strips dry and out of direct sunlight; store at room temperature.
- For dilution recommendations on other sample types, contact Technical Support.
- Reagents are for research use only. Refer to the MSDS for detailed safety information.

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Technical specifications are based on manufacturer documentation and may be updated. Protocols shown are summaries - always follow the instructions supplied with your kit/lot.