



Detection Kit for Albumin

(Bromocresol Green Method)



Wide
linear range



Stable
performance



Strong
anti-interference

Testing Conditions

Primary Wavelength	Secondary Wavelength	Analysis method	Reaction direction	Reaction temperature
630 nm	700 nm	1 Point End Method	Increase	37°C

Intended Use

Used for quantitative determination of albumin (ALB) content in human serum in vitro.

ALB is the main plasma protein, almost all of which is synthesized by hepatocytes, and its main functions include regulating the distribution of extracellular fluid, transporting substances such as hormones, vitamins, calcium and lipids, and participating in the amino acid pool in the body. An increase in ALB concentration can be caused by dehydration, such as severe vomiting or diarrhea, while a decrease in ALB concentration can be caused by excessive hydration, protein loss, malabsorption or liver disease, hyperthyroidism, diabetes, etc. Common detection methods include: bromocresol green method, bromocresol violet method and colorimetric method.

Performance Indicators

1. The linear range: 6-60g/L
2. Accuracy: relative deviation within $\pm 6\%$.
3. Measurement precision: Repeatability $CV \leq 2\%$. Inter-batch differences $R \leq 5\%$.

Order Information

Product	Detect Method	Suggested Specification	Storage	Validity
Detection Kit for Albumin	Bromocresol Green Method	R 40mL×3	2~8°C	24 months, 30 days after opened

Applicable Instrument



HTSH-2000



HTSH-4000



HTSH-8000