

## SGOT (ASAT) Kit Mod. IFCC Method

### Intended Use:

SGOT is an enzyme found mainly in heart muscle, liver cells, skeletal muscle and kidneys. Injury to these tissues results in the release of the enzyme in blood stream. Elevated levels are found in myocardial infarction, cardiac operations, hepatitis, cirrhosis, acute pancreatitis, acute renal diseases, primary muscle diseases. Decreased levels may be found in pregnancy, beri beri and diabetic ketoacidosis. SGOT (ASAT) kit uses the modified IFCC method to determine SGOT (ASAT) in serum.

### SGOT (ASAT) Kit components:

L1	Enzyme Reagent
L2	Starter Reagent
Other Accessories	Package Insert

### System Parameters

<b>Reaction</b>	: U.V.Kinetic	<b>Interval</b>	: 60
<b>Wavelength</b>	: 340 nm	<b>Sample Vol.</b>	: 0.10 ml
<b>Zero Setting</b>	: Distilled Water	<b>Reagent Vol .</b>	: 1.00 ml
<b>Incub. Temp</b>	: 37°C	<b>Standard</b>	: ---
<b>Incub. Time</b>	: ---	<b>Factor</b>	: 1746
<b>Delay Time</b>	: 60 sec.	<b>React. Slope</b>	: Decreasing
<b>Read Time</b>	: 180 sec.	<b>Linearity</b>	: 500 U/L
<b>No. of read</b>	: 4	<b>Units</b>	: U/L

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	18 Months
Opened Kit (Unmixed)	2-8°C	18 Months
In use stability (Working reagent)	2-8°C	3 Weeks

Available Pack Sizes	
25 ml	75 ml
2 X 150 ml	4 X 250 ml

<b>Suggested control</b>	Calkine Serum Glutamate Oxaloacetate Transaminase
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