



# INSTRUCTIONS FOR USE

## ONE STEP TEST

Alpha-Fetoprotein (AFP)
Detection in Whole Blood / Serum / Plasma

Only for professional in vitro diagnostic use.

Product Code : TAFP01 AFP Test Device detects con

# BACKROUND INFORMATION

Alpha-Fetoprotein (AFP) is normally produced during fetal and neonatal development by the liver, yolk sac a By the second year of life, AFP concentrations decrease rapidly and thereafter only trace amounts are norn ser

## INTENDED USE

## REAGENTS

## METHOD

AFP monoclonal antibodies are immobilized to TT test a reacts with the particles coated with anti-AFP monoclone the sample, it binds to anti-AFP monoclonal antibody in the not contain AFP, colored line does not appear in the TT te C° control area indicating that proper volume of sample he

## PRECAUTIONS AND LIMITATIONS

- FOR THE STAND TENTENT TO STAND THE S

## STORAGE

st device should be kept away from d ore at 4 - 30°C (39 - 86°F). Do not free e test in the original packaging retain

# TEST PROCEDURE

INTERPRETATION OF RESULTS

Negative: Only one colored line is visible in "C" area, indicating that Alpha-fetoprotein does not exist.

Positive: Two colored lines are visible in "C" and "T" areas, indicating that Alpha-fetoprotein exists.

Low concentration of AFP may cause a faint line in "T" area. Even such a faint line in "T" area should be regarded as "positive".

Invalid: No colored line is visible or only one colored line is visible in "T" area; test should be repeated using a new test device



# PERFORMANCE EVALUATION

Clinical Sensitivity, Specificity and Accuracy: The AFP Test Die EIA test using clinical specimens. The results are as below.

Positive	285	4	289
Negative	2	400	402
esults	287	404	691
	Negative	Positive 285 Negative 2	Positive         285         4           Negative         2         400

Sensitivity: 99,3% Specificity:

## Intra-Assay

Within-run precision has been determined by using 15 replicates of thre sositive values were correctly identified >99% of the time.

Between-run precision has been determined by 15 independent assays on the same three specimens: a negative, a low positive and a has been tested using negative, low positive and high positive specimens. The specimens were correctly identified >99% of the time.

# CROSS REACTIVITY

INTERFERING SUBSTANCES

The AFP Test Device has been tested for possible interference from visibly hemolyzed and lipemic specimens. No interference was was observed in specimens containing up to 2.000 mg/dL Hemoglobin; up to 1.000 mg/dL Bilirubin; and up to 2.000 mg/dL human se

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