APPLICATION PROCEDURE

ABX PENTRA 400

GPT (ALT, ALAT)

MODIFIED IFCC

Liquid
2 Reagents

REF	Cont.			
D94620	**5 x 100 ml**	4 x 100 ml	Reagent 1	**2500 tests**
		1 x 100 ml	Reagent 2	200 µl/test
D98624	**5 x 50 ml**	4 x 50 ml	Reagent 1	**1250 tests**
		1 x 50 ml	Reagent 2	200 µl/test

D98485	5 x 3 ml	Calibrator	Diacal Auto
D98481	12 x 5 ml	Control normal	Diacon N
D98482	12 x 5 ml	Control abnormal	Diacon P

1. Reagent preparation:

The Reagents are ready to use.

2. Instrument settings:

GENERAL PARAMETERS

Test Name: ALT | Code: ALT | Channel: # | √ Enable | Release: App. Version | Modified on: #

CHARACTERISTICS
- Sample Type: Serum/Plasma
- Number of Reagents: Reagent 2

REAGENT
- Reagent short name: ALTR
- Reagent number: #
- On Board Stability: 28
- # Cassette

Pre-Dilution
- Diluent Name:
- Factor:
- Incubation time (cycles):

Result
- Unit: U/l
- Decimal postion: 0
- Manual Patient Validation

Linearity

Low limit	High limit
4.00	600.00

Correlation

Slope	Intercept
1.0000	0.0000

Delta Check

Delta Check Validity	Absolute Variation	Relative Variation

Automatic Rerun
- √ Post Dilution
- Dilution Factor: 3.0
- Post Concentration
- Concentration Factor:

Reference Range

	Man/Default	Woman	Child
√ Low Check	0		
√ High Check	41.00		

CALIBRATION PARAMETERS

Test Name: ALT | Code: ALT | Channel: #

Pre-Dilution
- Type:
- Calibrator Diluent:

Factor 1	Factor 2	Factor 3	Factor 4
Factor 5	**Factor 6**	**Factor 7**	**Factor 8**

Checks
- √ Reagent Limit Absorbance Check
  - Reagent Range Low: -0.2000
  - Reagent Range High: 1.6000
- √ Reagent Blank Limit Absorbance Check
  - Blank Range – Low Limit: -0.0400
  - Blank Range – High Limit: 0.0100

APPLICATION PROCEDURE

Calibration

Calibration Mode: Slope Avg

Level: 1

Calibration Factor: *

Runs: 2

√ Deviation %: 5.0

Calibrator Used:

Validitiy

(•) On Request

( ) Time Validity

Interval: #

Time Unit: Days

Control Required

Control Used:

ANALYSIS PARAMETERS

Test Name	Code	Channel
ALT	ALT	#

Cleaner

Cleaner Solution:

H2O

( ) Before

( ) After

Wavelength (nm)

Primary Wavelength: 340

Secondary Wavelength: 420

Blank

√ Reagent Blank: H2O

Analysis Sequence

Cycle	Reagent Needle	Volume (µl)	Sample Needle	Volume (µl)	H2O Vol (µl)
1	R1	160.0	SAMPLE	20.0	10.0
15			R2	40.0	10.0

Mixing Speed: 80

CALCULATION PARAMETERS

Test Name	Code	Channel
ALT	ALT	#

Correlation Factor

Slope: 1.0000

Intercept: 0.0000

Reaction Direction

√ Reaction Direction Check

Reaction Direction: Decrease

√ **Sample Limit Check**

Sample limit (Δ O.D.): 0.1200

Sample limit cycle: 2

Definition

Calculation Type: Kinetic

√ Reaction limit Check

Reaction limit Absorbance: 0.0800

Cycle: 16

First Reading

Cycle: 18

Last Reading

Cycle: 30

UNIT PARAMETERS

Test Name: ALT

Code: ALT

Channel: #

Unit	Conversion Factor
U/l	1.0000

Modified On:

NOTE:
These suggested instructions and instrument parameters are to be used in conjunction with the reagent package insert and the instrument operation manual. Refer to these documents for complete instructions before performing the tests.