CE 2797

Infinity™ Ammonia Application
Beckman Coulter AU480 Parameters
Reagent ID 154

Catalog No. REF **106518**

This Application is Intended for the in vitro quantitative determination of Ammonia (NH_3) in Human Plasma

IVD

For In Vitro Diagnostic Use Only

Rx Only

The information provided in this application sheet is intended as a supplement to the product Instructions for Use (IFU). Refer to the package IFU on intended use, reagent storage, reagent preparation, specimen collection, specimen preparation, specimen storage, quality control, and additional performance data.

**Fisher Diagnostics, a division of Fisher Scientific Company, LLC,
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**Produced by Fisher Diagnostics for:
Beckman Coulter Inc.
250 S. Kraemer Blvd.
Brea, CA 92821 USA**

Specific Test Parameters

General	LIH	ISE	Range

Test Name: Amm

Type: Plasma ††

Operation: Yes

Sample Volume		15	µL	Dilution	0	µL	OD Limit	
Pre-Dilution Rate		1					Min. OD 0.4	Max.OD 2.50
Reagents Volume	R1 (R1-1)	150	µL	Dilution	0	µL	Reagent OD limit:	
							First Low 0.8	High 2.50
							Last Low 0.8	High 2.50
	R2 (R2-1)	0	µL	Dilution	0	µL		
							Dynamic Range Low 10*	High 600*
							Correlation Factor A 1	B 0
Wavelength:	Pri.	340		Sec.	660		Factor for Maker A 1	B 0
Method:		FIXED						
Reaction slope:		-					Onboard Stability 14 Days	0 Hour
Measuring Point 1:	First	2		Last	7			
Measuring Point 2:	First			Last			LIH Influence Check #	
Linearity:			%				Lipemia §	
Lag Time Check:							Icterus §	
							Hemolysis §	

Specific Test Parameters

General	LIH	ISE	Range

Test Name: AMM

Type: Plasma††

Value/Flag: VALUE Level L: # Level H: #

Specific Ranges:

	Sex	From Year	From Month	To Year	To Month	Low	High
1.	#	#	#	#	#	#	#
2.	#	#	#	#	#	#	#
3.	#	#	#	#	#	#	#
4.	#	#	#	#	#	#	#
5.	#	#	#	#	#	#	#
6.	#	#	#	#	#	#	#
7.	No demographics					#	#
8.	Not within expected values					#	#

Panic Value

Low	High
#	#

Unit µmol/L* Decimal Places #

Continued on next page

Calibration Specific

General | ISE

Test Name: AMM Type: Plasma †† ☐ Use Cal.

Calibration Type: AB Formula: Y=AX+B Counts: #

<Calibrator Parameters> Slope Check: None

	Calibrator	OD	Conc	Factor Range Low	Factor Range High
Point 1:	#		59 † *	-9999*	9999*
Point 2:					
Point 3:					
Point 4:					
Point 5:					
Point 6:					
Point 7:					
Point 8:					
Point 9:					
Point 10:					

Advanced Calibration

Operation: # ▽

Interval (RB/ACAL): ▽

<Point Cal for Master Curve> No. of Correction Points: Use Master Curve: ☐ Lot Calibration

	Calibrator	OD	Conc	OD Range Low	OD Range High
Point 1:					
Point 2:					

MB Type Factor: 1-Point Calibration Point ☐ With CONC-0

Stability

Reagent Blanks	7	Day	0	Hour
Calibration	7	Day	0	Hour

\# User-defined values

* Units are in µmol/L. To work in µg/dL multiply by 1.7

† Calibrator included in kit

§ Refer to product IFU for interference information

! Do Not Use Ammonium Heparin Plasma Samples

†† Sample is EDTA or Lithium Heparin Plasma only

AU480 Contamination Avoidance Parameters

No.	Preceding Test Name	Following Test Name	Reagent Probe Cleaner	Wash Count	Effective Of Water Cleaning	Same Use Mixer	Same Use Cuvette
1.	AMM 154 R1	LDH 026 R2	Water	**1**	**Yes**	**Yes**	**Yes**
2.	GLDH G82100	AMM 154	Water	**0**	**Yes**	**No**	**Yes**

Note: Other reagents on the carousel which contain/liberate Ammonia may also contaminate Ammonia. Avoid use of the ammonia containing reagents together with OSR61154 to mitigate against atmospheric ammonia transfer. Contact your local Beckman Coulter representative for further information.

Note: When selecting a preceding R1 and a following R1, R2 to R2 is also automatically selected. There is no facility for selecting a preceding R2 and a following R2 on the AU480 instrument.