

Beckman Coulter System Reagent, AU400/AU400e

URINE UREA NITROGEN

Cat. No.: OSR6x34

Reagent ID: 034

Specific Test Parameters			
General	LIH	ISE	Range
Test Name:	BUN	<	>
Type:	Urine	Operation: Yes	
Sample:	Volume: 3 μ L	Dilution: 0 μ L	Pre-Dilution Rate: 10
Reagents:	R1 Volume: 50 μ L	Dilution: 40 μ L	Min OD
	R2 Volume: 50 μ L	Dilution: 10 μ L	Max OD
			L: 1.0 H: 2.5
Wavelength:	Pri: 340	Sec: 660	Reagent OD limit:
Method:	RATE		First L: 1.5 First H: 2.5
Reaction slope:	-		Last L: 1.5 Last H: 2.5
Measuring Point 1:	First: 12	Last: 18	Dynamic Range:
Measuring Point 2:	First:	Last:	L: 20* H: 1300*
Linearity:	25 %		Correlation Factor:
No Lag Time:	YES		A: 1 B: 0
			On-board stability period: 30

Specific Test Parameters			
General	LIH	ISE	Range
Test Name:	BUN	<	>
Type:	Urine	Value/Flag: #	
		Level L: #	Level H: #
Normal Ranges:	Age L	Age H	
	Sex	Year	Month
<input type="checkbox"/> 1.	#	#	#
<input type="checkbox"/> 2.	#	#	#
<input type="checkbox"/> 3.	#	#	#
<input type="checkbox"/> 4.	#	#	#
<input type="checkbox"/> 5.	#	#	#
<input type="checkbox"/> 6.	#	#	#
7.	None Selected		
8.	Out of Range	L	H
Panic Value:	#	#	Unit: mg/dL* Decimal places: #

Calibration Specific			
General	ISE		
Test Name:	BUN	<	>
Type:	Urine	Calibration Type: AB	
		Formula: Y=AX+B	Counts: #
			Process: CONC
Point 1:	Cal. No. #	OD	CONC †*
Point 2:			
Point 3:			
Point 4:			
Point 5:			
Point 6:			
Point 7:			
1-Point Cal. Point:		With CONC-0	Slope Check: None
MB Type Factor:			Advanced Calibration: ##
			Calibration Stability Period: 14

User defined

Lot or Lot + Bottle

† Beckman Coulter Urine Calibrator Cat. No.: DR0090

* Values set for working in mg/dL UUN. To work in SI units (mmol/L) divide by 2.8

Beckman Coulter System Reagent, AU640/AU640[®]

URINE UREA NITROGEN

Cat. No.: OSR6x34

Reagent ID: 034

Specific Test Parameters			
General	LIH	ISE	Range
Test Name:	BUN	<	>
Type:	Urine	Operation: Yes	
Sample:	Volume: 3 μ L	Dilution: 0 μ L	Pre-Dilution Rate: 10
Reagents:	R1 Volume: 50 μ L	Dilution: 40 μ L	Min OD
	R2 Volume: 50 μ L	Dilution: 10 μ L	Max OD
			L: 1.0 H: 2.5
Wavelength:	Pri: 340	Sec: 660	Reagent OD limit:
Method:	RATE		First L: 1.5 First H: 2.5
Reaction slope:	-		Last L: 1.5 Last H: 2.5
Measuring Point 1:	First: 12	Last: 18	Dynamic Range:
Measuring Point 2:	First:	Last:	L: 20* H: 1300*
Linearity:	25 %		Correlation Factor:
No Lag Time:	YES		A: 1 B: 0
			On-board stability period: 30

Specific Test Parameters			
General	LIH	ISE	Range
Test Name:	BUN	<	>
Type:	Urine	Value/Flag: #	
		Level L: #	Level H: #
Normal Ranges:	Age L	Age H	
	Sex	Year	Month
<input type="checkbox"/> 1.	#	#	#
<input type="checkbox"/> 2.	#	#	#
<input type="checkbox"/> 3.	#	#	#
<input type="checkbox"/> 4.	#	#	#
<input type="checkbox"/> 5.	#	#	#
<input type="checkbox"/> 6.	#	#	#
7.	None Selected		
8.	Out of Range		
Panic Value:	#	#	Unit: mg/dL* Decimal places: #

Calibration Specific			
General	ISE		
Test Name:	BUN	<	>
Type:	Urine	Calibration Type: AB	
		Formula: Y=AX+B	Counts: #
			Process: CONC
Point 1:	Cal. No. #	OD	CONC †*
Point 2:			
Point 3:			
Point 4:			
Point 5:			
Point 6:			
Point 7:			
1-Point Cal. Point:	<input type="checkbox"/>	With CONC-0	Slope Check: None
MB Type Factor:			Advanced Calibration: ##
			Calibration Stability Period: 14

User defined

Lot or Lot + Bottle

† Beckman Coulter Urine Calibrator Cat. No.: DR0090

* Values set for working in mg/dL UUN. To work in SI units (mmol/L) divide by 2.8

Beckman Coulter System Reagent: OSR6x34

Specific Test Parameters										
General		LIH	ISE	Range						
Test Name:	BUN	<	>	Type:	Urine	Operation:	Yes			
Sample Volume	2	μL	Dilution	0	μL	OD Limit				
Pre-Dilution Rate	10			Min. OD	1.0	Max. OD	2.5			
Reagents Volume:	R1(R1-1)	40	μL	Dilution	30	μL	Reagent OD limit:			
							First Low	1.5	High	2.5
							Last Low	1.5	High	2.5
	R2 (R2-1)	40	μL	Dilution	10	μL	Dynamic Range Low	20*	High	1300*
							Correlation Factor A	1	B	0
Wavelength:	Pri.	340	nm	Sec.	660	nm	Factor for Maker A	1	B	0
Method:	RATE									
Reaction slope:	-									
Measuring Point 1:	First	12	Last	18						
Measuring Point 2:	First		Last							
Linearity:	25 %									
No Lag Time:	YES									
Onboard Stability	30	Day	0	Hour						

Specific Test Parameters									
General		ISE	Range						
Test Name:	BUN	<	>	Type:	Urine				
Value/Flag:	#	Level L:	#	Level H:	#				
Specific Ranges:								Panic Value	
	Sex	Year	Month	Year	Month	Low	High	Low	High
<input type="checkbox"/>	1.	#	#	#	#	#	#	#	#
<input type="checkbox"/>	2.	#	#	#	#	#	#	#	#
<input type="checkbox"/>	3.	#	#	#	#	#	#	#	#
<input type="checkbox"/>	4.	#	#	#	#	#	#	#	#
<input type="checkbox"/>	5.	#	#	#	#	#	#	#	#
<input type="checkbox"/>	6.	#	#	#	#	#	#	#	#
	7. No demographics					#	#		
	8. Not within expected values					#	#		
Unit	mg/dL*		Decimal Places	#					

Calibration Specific										
General		ISE	Range							
Test Name:	BUN	<	>	Type:	Urine	<input type="checkbox"/> Use Serum Cal.				
Calibration Type:	AB	Formula:	Y=AX+B	Counts:	#	Slope Check	None			
<Calibrator Parameters>						Allowable Range Check				
Point 1:	#	OD	Conc	Factor Range	Low	High	<input type="checkbox"/> Reagent Blank			
Point 2:			†	0	9999		<input type="checkbox"/> Calibration			
Point 3:							Advanced Calibration			
Point 4:							Operation	Yes		
Point 5:							Interval (RB/ACAL)	Lot / Lot		
Point 6:										
Point 7:										
Point 8:										
Point 9:										
Point 10:										
<Point Cal. For Master Curve>						Stability				
Point 1:		OD	Conc	Low	High	Reagent Blanks	14	Day	0	Hour
Point 2:						Calibration	14	Day	0	Hour
MB Type Factor:		1-Point Calibration Point			<input type="checkbox"/> With CONC-0					

User defined

† Beckman Coulter System Calibrator Cat. No.: DR0090

* Values set for working in mg/dL UUN. To work in SI units (mmol/L) divide by 2.8

Beckman Coulter System Reagent: OSR6x34

Specific Test Parameters												
General		LIH	ISE	Range								
Test Name:	BUN	<	>	Type:	Urine	Operation:	Yes					
Sample Volume	2	μL	Dilution	0	μL	OD Limit						
Pre-Dilution Rate	10			Min. OD	1.0	Max. OD	2.5					
Reagents Volume:	R1(R1-1)	40	μL	Dilution	30	μL	Reagent OD limit:					
				First Low	1.5	High	2.5					
				Last Low	1.5	High	2.5					
	R2 (R2-1)	40	μL	Dilution	10	μL	Dynamic Range Low	20*	High	1300*		
Common Reagent	Type	None		Name			Correlation Factor A	1	B	0		
Wavelength:	Pri.	340		nm	Sec.	660		nm	Factor for Maker A	1	B	0
Method:	RATE											
Reaction slope:	-											
Measuring Point 1:	First	12		Last	18		Onboard Stability	30	Days	0	Hour	
Measuring Point 2:	First			Last								
Linearity:	25 %											
No Lag Time:	YES											

Specific Test Parameters									
General		ISE	Range						
Test Name:	BUN	<	>	Type:	Urine				
Value/Flag:	#	Level L:	#	Level H:	#				
Specific Ranges:									
	Sex	Year	Month	Year	Month	Low	High	Panic Value	
<input type="checkbox"/>	1.	#	#	#	#	#	#	Low	High
<input type="checkbox"/>	2.	#	#	#	#	#	#	#	#
<input type="checkbox"/>	3.	#	#	#	#	#	#	#	#
<input type="checkbox"/>	4.	#	#	#	#	#	#	#	#
<input type="checkbox"/>	5.	#	#	#	#	#	#	#	#
<input type="checkbox"/>	6.	#	#	#	#	#	#	#	#
7. No demographics						#	#		
8. Not within expected values						#	#		
Unit	mg/dL*		Decimal Places	#					

Calibration Specific											
General		ISE	Range								
Test Name:	BUN	<	>	Type:	Urine	<input type="checkbox"/> Use Serum Cal.					
Calibration Type:	AB	Formula:	Y=AX+B		Counts:	#	Slope Check	None			
<Calibrator Parameters>											
	Calibrator	OD	Conc	Factor Range	Low	High	Allowable Range Check				
Point 1:	#		†	0	9999	<input type="checkbox"/> Reagent Blank					
Point 2:						<input type="checkbox"/> Calibration					
Point 3:						Advanced Calibration					
Point 4:						Operation	Yes				
Point 5:						Interval (RB/ACAL)	Lot / Lot				
Point 6:											
Point 7:											
Point 8:											
Point 9:											
Point 10:											
<Point Cal. For Master Curve>											
	Calibrator	OD	Conc	OD Range	Low	High	Stability				
Point 1:							Reagent Blanks	14	Day	0	Hour
Point 2:							Calibration	14	Day	0	Hour
MB Type Factor:			1-Point Calibration Point			<input type="checkbox"/> With CONC-0					

User defined

† Beckman Coulter System Calibrator Cat. No.: DR0090

* Values set for working in mg/dL UUN. To work in SI units (mmol/L) divide by 2.8

Beckman Coulter System Reagent, AU600

URINE UREA NITROGEN (1:10)

Cat. No.: OSR6x34

Reagent ID: 034

Specific test parameters

Test No	#	Test name	BUN	Sample type	Urine	Page	1/2
Sample vol.	2.5	Dil. vol	0	μl	Min. OD	Max. OD	
Reagent 1 vol	50	Dil. vol	40	μl	L	1.000	H
Reagent 2 vol	50	Dil. vol	10	μl	Reagent OD limit		
Wave	Main	340	Sub	660	Fst. L	1.500	Fst. H
Method				RATE	Lst. L	1.500	Lst. H
Reaction				-	Dynamic range		
Point 1	Fst	12	Lst	18	L	20*	H
Point 2	Fst	0	Lst		Correlation factor		
					A	1.000	B
					B	0	
Linearity	Fst	25	%	Sec			
No lag time				NO	On-board stability period	30	

Select using Space key, or select from list displayed by Guide key

Test No	#	Test name	BUN	Sample type	Urine	Page	2/2
Value/flag	#			Level L	#	Level H	#
Normal range							
Sex	#	Age	#	Y	L	#	M
1	#	#	#	Y	#	#	M→
2	#	#	#	Y	#	#	M→
3	#	#	#	Y	#	#	M→
4	#	#	#	Y	#	#	M→
5	#	#	#	Y	#	#	M→
6	#	#	#	Y	#	#	M→
7	Non select				#	#	
8	Out of range				#	#	
Panic value					L	H	
					#	#	

Select the function using the Function key or the Mouse

Calibration specific

Test No	#	Name	BUN
Cal type	8	AB	Y=AX+B
Formula	1	Count Process	#
Selection calibrator	CONC		
Point 1	Cal No	OD	Conc
Point 2	#		†*
Point 3			
Point 4			
Point 5			
Point 6			
Point 7			
1-point cal. point			
MB type factor			
Calibrator stability period		14	

Select the function using the Function key or the Mouse

- # To be inserted by the user
- † Beckman Coulter Urine Calibrator Cat. No.: DR0090. Calibrator requires 1:10 dilution with Di H₂O
- * Values set for working in mg/dL UUN. To work in SI units (mmol/L) divide by 2.8

Beckman Coulter System Reagent, AU2700/AU5400

URINE UREA NITROGEN

Cat. No.: OSR6x34

Reagent ID: 034

Specific Test Parameters			
General	LIH	ISE	Range
Test Name:	BUN	<	>
Type:	Urine	Operation: Yes	
Sample:	Volume: 2 μ L	Dilution: 0 μ L	Pre-Dilution Rate: 10
Reagents:	R1 Volume: 40 μ L	Dilution: 30 μ L	Min OD: L 1.0 H 2.5
	R2 Volume: 40 μ L	Dilution: 10 μ L	Max OD: L 1.0 H 2.5
Wavelength:	Pri: 340	Sec: 660	Reagent OD limit: First L 1.5 First H 2.5
Method:	RATE		Last L 1.5 Last H 2.5
Reaction slope:	-		Dynamic Range: L 20* H 1300*
Measuring Point 1:	First: 12	Last: 18	Correlation Factor: A 1 B 0
Measuring Point 2:	First:	Last:	On-board stability period: 30
Linearity:	25 %		
No Lag Time:	YES		

Specific Test Parameters			
General	LIH	ISE	Range
Test Name:	BUN	<	>
Type:	Urine	Value/Flag: # Level L: # Level H: #	
Normal Ranges:	Age L	Age H	
	Sex	Year	Month
<input type="checkbox"/> 1.	#	#	#
<input type="checkbox"/> 2.	#	#	#
<input type="checkbox"/> 3.	#	#	#
<input type="checkbox"/> 4.	#	#	#
<input type="checkbox"/> 5.	#	#	#
<input type="checkbox"/> 6.	#	#	#
<input type="checkbox"/> 7.	None Selected		
<input type="checkbox"/> 8.	Out of Range		
Panic Value:	L: #	H: #	Unit: mg/dL* Decimal places: #

Calibration Specific			
General	ISE		
Test Name:	BUN	<	>
Type:	Urine	Calibration Type: AB Formula: Y=AX+B Counts: # Process: CONC	
Point 1:	Cal. No. #	OD	CONC †*
Point 2:			
Point 3:			
Point 4:			
Point 5:			
Point 6:			
Point 7:			
1-Point Cal. Point:	<input type="checkbox"/>	With CONC-0	Slope Check: None
MB Type Factor:		Advanced Calibration: ##	Calibration Stability Period: 14

User defined

Lot or Lot + Bottle

† Beckman Coulter Urine Calibrator Cat. No.: DR0090

* Values set for working in mg/dL UUN. To work in SI units (mmol/L) divide by 2.8