

Laboratory Name: \_\_\_\_\_

QA Number: \_\_\_\_\_

Cycle/Sample: \_\_\_\_\_

Please note that the Instrument and Supplier codes can be found in the Instrument and Supplier Book.

# Urine Chemistry

## METHOD QUESTIONNAIRE

### 5-HIAA

CODE		METHOD
HIAAN	<input type="checkbox"/>	Colorimetric (Nitrosonaphthol)
HIAAC	<input type="checkbox"/>	Column test
HIAEL	<input type="checkbox"/>	ELISA
HIAAH	<input type="checkbox"/>	HPLC
HIAAL	<input type="checkbox"/>	LC/MS
HIAAO	<input type="checkbox"/>	Other methods

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT:

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

### ACR (Pilot)

CODE		METHOD
ACRA	<input type="checkbox"/>	Automated
ACRM	<input type="checkbox"/>	Manual

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT:

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

### Amylase

CODE		METHOD
<b>BLOCKED MALTOHEPTAOSIDE SUBSTRATES</b>		
UAM1T	<input type="checkbox"/>	Beckman Synchron AMY7
UAM1C	<input type="checkbox"/>	bioMerieux
UAM1D	<input type="checkbox"/>	Biotrol
UAM1P	<input type="checkbox"/>	DCL
UAM1F	<input type="checkbox"/>	Human
UAM1H	<input type="checkbox"/>	Medical Analysis Systems (MAS)
UAM1S	<input type="checkbox"/>	Olympus
UAM1N	<input type="checkbox"/>	Other blocked Maltoheptaoside substrates
UAM1J	<input type="checkbox"/>	Randox Lyo. Ethylidene pNPG7
UAM1Q	<input type="checkbox"/>	Randox Liquid Ethylidene pNPG7
UAM1R	<input type="checkbox"/>	Roche liquid Stable pNPG7
UAM1B	<input type="checkbox"/>	Siemens/Bayer
UAM1L	<input type="checkbox"/>	Sigma
UAM1K	<input type="checkbox"/>	RAIchem
UAM1M	<input type="checkbox"/>	Trace

#### NON-BLOCKED pNP MALTOHEPTAOSIDE SUBSTRATES

UAM2A	<input type="checkbox"/>	BM/Roche colorimetric pNPG7
UAM2B	<input type="checkbox"/>	Other non blocked pNPG7

#### MALTOTETRAOSE SUBSTRATES

UAM3A	<input type="checkbox"/>	Beckman maltotetraose
UAM3B	<input type="checkbox"/>	Other Maltotetraose substrates

#### pnp MALTOPENTA-/HEXA-OSIDE SUBSTRATES

UAM4A	<input type="checkbox"/>	Siemens/Bayer
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#### pNP MALTOPENTA-/HEXA-OSIDE SUBSTRATES

UAM4B	<input type="checkbox"/>	Siemens/Dade pNPG6
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Methods Continued On Next Page



# Urine Chemistry METHOD QUESTIONNAIRE

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## Chloride

Continued From Page: 2

CODE	METHOD
CLUIS <input type="checkbox"/>	Ion selective electrode Indirect
CLUMT <input type="checkbox"/>	Mercuric thiocyanate
CLUOD <input type="checkbox"/>	Other Dry Chemistry
CLUO <input type="checkbox"/>	Other methods
CLUT <input type="checkbox"/>	Titrimetric
CLUDC <input type="checkbox"/>	Vitros 250/500/700/950/5.1FS (Fusion)
	Vitros Slide Generation Number <input type="text"/>

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: mmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Copper

CODE	METHOD
UCUAA <input type="checkbox"/>	Atomic absorption
UCUCO <input type="checkbox"/>	Colorimetric
UCUMS <input type="checkbox"/>	Mass Spectrometry
UCUO <input type="checkbox"/>	Other methods

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: umol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Cortisol

CODE	METHOD
COCLX <input type="checkbox"/>	Chemiluminescence (with solvent extraction)
COCLD <input type="checkbox"/>	Chemiluminescence (direct analysis)
COEUD <input type="checkbox"/>	Enzyme immunoassay (direct analysis)
COEUX <input type="checkbox"/>	Enzyme immunoassay (with solvent extraction)
COOU <input type="checkbox"/>	Other methods
COFUD <input type="checkbox"/>	Polarisation Fluoroimmunoassay (direct analysis)
COFUX <input type="checkbox"/>	Polarisation Fluoroimmunoassay (with solvent extraction)
CORUD <input type="checkbox"/>	RIA methods (direct analysis)
CORUX <input type="checkbox"/>	RIA methods (with solvent extraction)
COUPM <input type="checkbox"/>	UPLC/HPLC

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: nmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Creatinine

CODE	METHOD
CREUP <input type="checkbox"/>	Alkaline picrate without deproteinisation
CRPUP <input type="checkbox"/>	Creatinine PAP methods
CRDIR <input type="checkbox"/>	Dirui Uristik

Methods Continued On Next Page

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# Urine Chemistry METHOD QUESTIONNAIRE

## Creatinine

Continued From Page: 3

CODE	METHOD
CREUU <input type="checkbox"/>	Enzymatic UV method
CRID <input type="checkbox"/>	IDMS traceable
CRERB <input type="checkbox"/>	Jaffe rate blanked
CRERD <input type="checkbox"/>	Jaffe rate blanked comp. (-33umol/l)
CRERC <input type="checkbox"/>	Jaffe rate blanked compensated (subtract 26umol/l)
CREJC <input type="checkbox"/>	Jaffe rate compensated (-18umol/l)
CREOD <input type="checkbox"/>	Other Dry Chemistry
CREAU <input type="checkbox"/>	Other enzymatic methods
CRECP <input type="checkbox"/>	Roche Creatinine Plus
CRDT <input type="checkbox"/>	Vitros DT60/DT60 II/DTSCII
	Vitros Slide Generation Number <input type="text"/> <input type="text"/>

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: mmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Dopamine

CODE	METHOD
DOPC <input type="checkbox"/>	Column test
DOELI <input type="checkbox"/>	ELISA
DOHP <input type="checkbox"/>	HPLC
DOLCMS <input type="checkbox"/>	LC/MS
DOPO <input type="checkbox"/>	Other methods

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: nmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Epinephrine

CODE	METHOD
ADRC <input type="checkbox"/>	Column test
ADELI <input type="checkbox"/>	ELISA
ADHP <input type="checkbox"/>	HPLC
ADLCMS <input type="checkbox"/>	LC/MS
ADRO <input type="checkbox"/>	Other methods
ADRIA <input type="checkbox"/>	RIA

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: nmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Glucose

CODE	METHOD
GLUDU <input type="checkbox"/>	Glucose dehydrogenase
GLUOU <input type="checkbox"/>	Glucose oxidase

Methods Continued On Next Page

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# Urine Chemistry METHOD QUESTIONNAIRE

## Glucose

Continued From Page: 4

CODE		METHOD
GLBEU	<input type="checkbox"/>	GOD/O2 - Beckman
GLUHU	<input type="checkbox"/>	Hexokinase
GLMTI	<input type="checkbox"/>	MTI Diagnostics Urodip
GLUOD	<input type="checkbox"/>	Other Dry Chemistry
GLUUU	<input type="checkbox"/>	Other methods
GLUOT	<input type="checkbox"/>	O-toluidine
GLUOO	<input type="checkbox"/>	Oxygen electrode
GLUUD	<input type="checkbox"/>	Vitros 250/500/700/950/5.1FS (Fusion)
		Vitros Slide Generation Number <input type="checkbox"/> <input type="checkbox"/>

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: mmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Magnesium

CODE		METHOD
MUZO	<input type="checkbox"/>	Arsenazo
MUAA	<input type="checkbox"/>	Atomic absorption
MUCA	<input type="checkbox"/>	Calmagite
MUCP	<input type="checkbox"/>	Chlorophosphonazo III
MUEN	<input type="checkbox"/>	Enzymatic
MUMSI	<input type="checkbox"/>	ICP-MS
MUMB	<input type="checkbox"/>	Methylthymol blue
MUOD	<input type="checkbox"/>	Other Dry Chemistry
MUMD	<input type="checkbox"/>	Other magnesium dyes
MUO	<input type="checkbox"/>	Other methods
MUDC	<input type="checkbox"/>	Vitros 250/500/700/950/5.1FS (Fusion)
		Vitros Slide Generation Number <input type="checkbox"/> <input type="checkbox"/>
MUXY	<input type="checkbox"/>	Xylidyl blue

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: mmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Metanephrine

CODE		METHOD
MEPC	<input type="checkbox"/>	Column test
MEELI	<input type="checkbox"/>	ELISA
MEHP	<input type="checkbox"/>	HPLC
MELCMS	<input type="checkbox"/>	LC/MS
MEPO	<input type="checkbox"/>	Other methods

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: umol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

Laboratory Name: \_\_\_\_\_

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# Urine Chemistry

## METHOD QUESTIONNAIRE

### Microalbumin

CODE		METHOD
ALCMY	<input type="checkbox"/>	Cormay
ABUDA	<input type="checkbox"/>	Double antibody
ABUE	<input type="checkbox"/>	ELISA
ABUT	<input type="checkbox"/>	Immunoturbidimetric
ABUNP	<input type="checkbox"/>	Nephelometric
ABUOD	<input type="checkbox"/>	Other Dry Chemistry
ABUO	<input type="checkbox"/>	Other methods
ALRMT	<input type="checkbox"/>	Roche Micral- Test Strip
AFSAI	<input type="checkbox"/>	Siemens Atellica IM
AUMT	<input type="checkbox"/>	Vitr5.1FS/5600 XT7600Microtip
AUDC	<input type="checkbox"/>	Vitros 250/500/700/950/5.1FS (Fusion)
		Vitros Slide Generation Number <input type="text"/> <input type="text"/>

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: mg/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

### Norepinephrine

CODE		METHOD
NORC	<input type="checkbox"/>	Column test
NOELI	<input type="checkbox"/>	ELISA
NOHP	<input type="checkbox"/>	HPLC
NOLCMS	<input type="checkbox"/>	LC/MS
NORO	<input type="checkbox"/>	Other methods
NORIA	<input type="checkbox"/>	RIA

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: nmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

### Normetanephrine

CODE		METHOD
NMEPC	<input type="checkbox"/>	Column test
NMELI	<input type="checkbox"/>	ELISA
NMEHP	<input type="checkbox"/>	HPLC
NMLCMS	<input type="checkbox"/>	LC/MS
NMEPO	<input type="checkbox"/>	Other methods

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: umol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

### Osmolality

CODE		METHOD
OSC	<input type="checkbox"/>	Calculated

Methods Continued On Next Page

# Urine Chemistry METHOD QUESTIONNAIRE

Please note that the Instrument and Supplier codes can be found in the Instrument and Supplier Book.

## Osmolality

Continued From Page: 6

CODE	METHOD
OSFPD <input type="checkbox"/>	Freezing point depression
OSVP <input type="checkbox"/>	Vapour pressure

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: mOsm/kg

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Oxalate

CODE	METHOD
OXGA <input type="checkbox"/>	Glyc.acid- Chromotropic acid
OXOO <input type="checkbox"/>	Other methods
OXOX <input type="checkbox"/>	Oxalate oxidase
OXPD <input type="checkbox"/>	Precipitation/derivitisation

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: mmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Phosphate, Inorganic

CODE	METHOD
PHBK <input type="checkbox"/>	Beckman PHOSm kit 365nm
PHDOD <input type="checkbox"/>	Other dry chemistry
PHOU <input type="checkbox"/>	Other methods
PHENU <input type="checkbox"/>	Phosphomolybdate enzymatic
PHMDU <input type="checkbox"/>	Phosphomolybdate UV
PHDCU <input type="checkbox"/>	Vitros 250/500/700/950/5.1FS (Fusion) Vitros Slide Generation Number <input type="text"/>

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: mmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

## Potassium

CODE	METHOD
KCHRU <input type="checkbox"/>	Chromolyte
KUEN <input type="checkbox"/>	Enzymatic
KFPU <input type="checkbox"/>	Flame photometry
KUMSI <input type="checkbox"/>	ICP-MS
KUSE <input type="checkbox"/>	Ion selective electrode, direct
KUSE1 <input type="checkbox"/>	Ion selective electrode, indirect
KUOD <input type="checkbox"/>	Other Dry Chemistry
KUOM <input type="checkbox"/>	Other Methods
KUTU <input type="checkbox"/>	Turbidimetric
KUDC <input type="checkbox"/>	Vitros 250/500/700/950/5.1FS (Fusion) Vitros Slide Generation Number <input type="text"/>

Methods Continued On Next Page

# Urine Chemistry METHOD QUESTIONNAIRE

Please note that the Instrument and Supplier codes can be found in the Instrument and Supplier Book.

## Potassium

Continued From Page: 7

CODE	METHOD
OTHER METHOD, PLEASE SPECIFY	<input type="text"/>
DEFAULT UNIT:	mmol/l
OTHER UNITS, SPECIFY	<input type="text"/>
INSTRUMENT CODE	<input type="text"/>
REAGENT CODE	<input type="text"/>

## Protein

CODE	METHOD
<input type="checkbox"/> PUA5	Biuret reaction - direct
<input type="checkbox"/> PUA4	Biuret reaction with precipitation
<input type="checkbox"/> PUA3	Coomassie blue - direct
<input type="checkbox"/> PUA2	Coomassie blue with precipitation
<input type="checkbox"/> PRMT1	MTI Diagnostics Urodip
<input type="checkbox"/> PUA0	Other methods
<input type="checkbox"/> PUSO	Other whole serum calibrant
<input type="checkbox"/> PUA1	Ponceau S with precipitation
<input type="checkbox"/> PUA8	Pyrogallol Red
<input type="checkbox"/> PURF	Refractometry
<input type="checkbox"/> PUA7	Sulphosalicylic acid
<input type="checkbox"/> PUA6	Turbidimetry
<input type="checkbox"/> PUADC	Vitros 250/500/700/950/5.1FS (Fusion)
	Vitros Slide Generation Number <input type="text"/>
OTHER METHOD, PLEASE SPECIFY	<input type="text"/>
DEFAULT UNIT:	g/l
OTHER UNITS, SPECIFY	<input type="text"/>
INSTRUMENT CODE	<input type="text"/>
REAGENT CODE	<input type="text"/>

## Sodium

CODE	METHOD
<input type="checkbox"/> NUCH	Chromolyte
<input type="checkbox"/> NUEM	Enzymatic
<input type="checkbox"/> NUFP	Flame photometry
<input type="checkbox"/> NUMSI	ICP-MS
<input type="checkbox"/> NAUSE	Ion selective electrode, dir
<input type="checkbox"/> NUSE1	Ion selective electrode, indir
<input type="checkbox"/> NUOD	Other Dry Chemistry
<input type="checkbox"/> NUOM	Other Methods
<input type="checkbox"/> NUDC	Vitros 250/500/700/950/5.1FS (Fusion)
	Vitros Slide Generation Number <input type="text"/>
OTHER METHOD, PLEASE SPECIFY	<input type="text"/>
DEFAULT UNIT:	mmol/l
OTHER UNITS, SPECIFY	<input type="text"/>
INSTRUMENT CODE	<input type="text"/>
REAGENT CODE	<input type="text"/>



Laboratory Name: \_\_\_\_\_

QA Number: \_\_\_\_\_

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# Urine Chemistry

## METHOD QUESTIONNAIRE

### Urea

CODE		METHOD
URAC	<input type="checkbox"/>	Beckman - conductivity
URDM	<input type="checkbox"/>	Diacetyl monoxime
URPHT	<input type="checkbox"/>	O-Phthaldehyde
URUOD	<input type="checkbox"/>	Other Dry Chemistry
URURH	<input type="checkbox"/>	Urease - hypochlorite
URUEP	<input type="checkbox"/>	Urease, end point
URUK	<input type="checkbox"/>	Urease, kinetic
URUDC	<input type="checkbox"/>	Vitros 250/500/700/950/5.1FS (Fusion)
		Vitros Slide Generation Number <input type="text"/> <input type="text"/>

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: mmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

### Uric Acid

CODE		METHOD
UROD	<input type="checkbox"/>	Other Dry Chemistry
URICO	<input type="checkbox"/>	Other methods
UACDC	<input type="checkbox"/>	Otho Vitros MicroSlide Systems
		Vitros Slide Generation Number <input type="text"/> <input type="text"/>
URED	<input type="checkbox"/>	Reduction methods
URSP	<input type="checkbox"/>	Spectrophotometric 280-290nm
URCAT	<input type="checkbox"/>	Uricase - catalase 340nm
URPER	<input type="checkbox"/>	Uricase - peroxidase, without ascorbate oxidase
URPA2	<input type="checkbox"/>	Uricase Peroxidase with ascorbate oxidase @546nm
URPAS	<input type="checkbox"/>	Uricase-peroxidase with ascorbate oxidase

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: mmol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

### VMA

CODE		METHOD
UMAC	<input type="checkbox"/>	Column test
UHPLC	<input type="checkbox"/>	HPLC
ULCMS	<input type="checkbox"/>	LC/MS
UMAO	<input type="checkbox"/>	Other methods
UMAP	<input type="checkbox"/>	Pisano methodology
USE	<input type="checkbox"/>	Solvent Extraction
UWS	<input type="checkbox"/>	Whale Scientific methodology

OTHER METHOD, PLEASE SPECIFY

DEFAULT UNIT: umol/l

OTHER UNITS, SPECIFY

INSTRUMENT CODE

REAGENT CODE

**End Of Method Questionnaire**