

OPERATOR TIPS
**UniCel® DxC 600/800 SYNCHRON® Clinical System
RECOMMENDED CHEMISTRY DILUTION MATERIAL**

The following table lists materials for making sample dilutions as required. Unless otherwise stated, the material is suitable for all sample types. **This table is meant as a GUIDE ONLY. As always, consult your Chemistry Information Manual for more details.**

CHEMISTRY		RECOMMENDED DILUTION MATERIAL
ACTM	ACETAMINOPHEN	Saline
ALB	ALBUMIN *(C.C.)	Saline
ALBm	ALBUMIN *(M.C.)	Saline
ALP	ALKALINE PHOSPHATASE	Saline
ALP (IFCC/DGKCh)	ALKALINE PHOSPHATASE (IFCC/DGKCh)	Saline
ALT	ALANINE AMINOTRANSFERASE	Saline
ALT-	ALANINE AMINOTRANSFERASE (IFCC/DGKCh)	Saline
AMM	AMMONIA	Ammonia Free Deionized Water
AMPH	AMPHETAMINES	DO NOT DILUTE
AMY	AMYLASE	Saline
ApoA	APOLIPOPROTEIN A-1	*CC on-line dilution (Diluent 1); Saline
ApoB	APOLIPOPROTEIN B	*CC on-line dilution (Diluent 1); Saline
ASO-	ANTISTREPTOLYSIN -O	Saline
AST	ASPARTATE AMINOTRANSFERASE	Saline
AST-	ASPARTATE AMINOTRANSFERASE (IFCC)	Saline
BARB	BARBITURATES	DO NOT DILUTE
BNZG	BENZODIAZEPINE	DO NOT DILUTE
BUN	BUN *(C.C.)	Saline; *CC on-line dilution for urine (Diluent 1)
BUNm	BUN *(M.C.)	Saline
C3	COMPLEMENT C3	Saline
C4	COMPLEMENT C4	Saline
CALC	CALCIUM (ISE)	Deionized Water
CAR	CARBAMAZEPINE	Saline
CHE	CHOLINESTERASE	Saline
CHE (DGKCh)	CHOLINESTERASE (DGKCh) FORMULATION	Saline
CHOL	CHOLESTEROL	Saline
CK	CREATINE KINASE	Saline
CK-	CREATINE KINASE (IFCC/DGKCh)	Saline
CKMB	CREATINE KINASE - MB ISOENZYME	Protein Based Diluent
CL	CHLORIDE	Deionized Water
CO2	CARBON DIOXIDE	Deionized Water
COCM	COCAINE METABOLITE	DO NOT DILUTE
CRE, CREA/CR-S	CREATININE *(C.C.)	Saline
CREm	CREATININE *(M.C.)	Saline
CRP/C-RP/CRPH	C-REACTIVE PROTEIN	Saline
DBIL	DIRECT BILIRUBIN	Azide Free Human Serum Albumin
DIGN	DIGOXIN	Saline
ETOH	ETHANOL	ETOH CAL 1
FE	IRON	Saline
GEN	GENTAMICIN	Saline
GGT	GAMMA GLUTAMYL TRANSFERASE	Saline
GGT (IFCC/DGKCh)	GAMMA GLUTAMYL TRANSFERASE	Saline
GLU	GLUCOSE *(C.C.)	Saline
GLUCm	GLUCOSE *(M.C.)	Saline

*** Note**

CC: (Cartridge Chemistry Side)

MC: (Modular Chemistry Side)

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CHEMISTRY		RECOMMENDED DILUTION MATERIAL
HbA1c	HEMOGLOBIN A1c	Dilute Hemolysate with Hemolyzing Reagent
HDL	DIRECT HDL CHOLESTEROL	Saline
HPT	HAPTOGLOBIN	Saline
IBCT	TOTAL IRON BINDING CAPACITY	Dilute effluent with saline
IgA, IgG, IgM	IMMUNOGLOBULINS A, M, G	*CC ON-LINE DILUTION (Diluent 1); Saline
K	POTASSIUM	Deionized Water
LAC	LACTIC ACID	Saline
LD	LACTATE DEHYDROGENASE	Saline
LD (IFCC/DGKCh)	LACTATE DEHYDROGENASE	Saline
LD-P	LACTATE DEHYDROGENASE	Saline
LDLD	LDL CHOLESTEROL	Saline
LI	LITHIUM	On-line dilution, ORDAC
LIP	LIPASE	Patient sample with low lipase value
MA	MICROALBUMIN	Saline
METD	METHADONE	DO NOT DILUTE
METQ	METHAQUALONE	DO NOT DILUTE
MG	MAGNESIUM	Saline; *CC on-line dilution for urine (Diluent 1)
M-TP	MICRO TOTAL PROTEIN	for CSF - Saline for Urine - Saline
NA	SODIUM	Deionized Water
OP	OPIATE	DO NOT DILUTE
OP-2	OPIATE 2000	DO NOT DILUTE
PAB	PREALBUMIN	Saline
PAM	PANCREATIC AMYLASE	Saline
PCP	PHENCYCLIDINE	DO NOT DILUTE
PHE	PHENOBARBITAL	Saline
PHY	PHENYTOIN	Saline
PHOSm	PHOSPHOROUS	Saline
PHS	PHOSPHOROUS	Saline
PROX	PROPOXYPHENE	DO NOT DILUTE
RF	RHEUMATOID FACTOR	Saline
SALY	SALICYLATE	Saline
T4	THYROXINE	Low Cal
TBIL	TOTAL BILIRUBIN	Azide Free Human Serum with known bilirubin value
TG	TRIGLYCERIDE	Saline
TG-B	TRIGLYCERIDE (BLANKED)	Saline
THC	CANNABINOID 100 ng	DO NOT DILUTE
THC5	CANNABINOID 50 ng	DO NOT DILUTE
THC2	CANNABINOID 20 ng	DO NOT DILUTE
THE	THEOPHYLLINE	Saline
TOB	TOBRAMYCIN	Saline
TP	TOTAL PROTEIN	Saline
TPm	TOTAL PROTEIN *(M.C.)	Saline
TU	T-UPTAKE	DO NOT DILUTE
TRFN	TRANSFERRIN	*CC on-line dilution; Saline
UREA	UREA *(C.C.)	Saline; *CC on-line dilution for urine (Diluent 1)
UREAm	UREA *(M.C.)	Saline
URIC	URIC ACID	Saline; *CC on-line dilution for urine (Diluent 1)
VANC	VANCOMYCIN	Saline
VPA	VALPROIC ACID	Saline, zero level calibrator or VPA free serum or plasma

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