



ONBOARD DILUTION ASSAY MENU

For use with the UniCel DxI 600 and 800 immunoassay systems only

This reference table contains information for assays that utilize the onboard dilution feature on your UniCel DxI system. The information is arranged alphabetically for ease of use. This information is also presented in the reagent *Instructions for Use* (IFU) for each assay and other Access system documentation. Refer to the assay-specific reagent IFU for a more complete description of an assay and its performance characteristics. In the following table all dilution ratios are expressed as the quantity of sample contained in the final dilution. For example: **a dilution of 1/5 is equivalent to 1 part sample diluted with 4 parts diluent.**

NOTE: The assays available in your country are dependent upon the status of regulatory submissions. Contact your Beckman Coulter representative if you have questions about the availability of a particular assay.

UniCel DxI onboard dilution assay menu

Assay	Dxl/DxC name (default)	APF number	Remisol Advance data manager code	Diluent required	Approximate range* in conventional units	Approximate range* in SI units	Dilution ratio	Sample pickup	Dilutions per pack**
AFP	d-AFP	11180	A143	Wash buffer II	2550-303000 ng/mL	2107-250413 IU/mL	1/101	35 µL	132
AMH	dAMH	11293	A184	Sample diluent A	20-240 ng/mL	146-1714 pmol/L	1/10	45 µL	60
BR Monitor	dBRAg	11193	A35	Sample diluent A	850-10000 U/mL	N/A	1/10	50 µL	60
CK-MB	dCKMB	11163	A117	Sample diluent A	255-600 ng/mL	255-600 µg/L	1/2	155 µL	174
DHEA-S	dDHES	11235	A144	Wash buffer II	850-10000 µg/dL	23-271 µmol/L	1/10	50 µL	60
Digoxin	dDig	11117	A150	Sample diluent A	5.1-12 ng/mL	6.5-15.4 nmol/L	1/2	155 µL	174
EPO	dEPO	11209	A160	Sample diluent A	637-4500 mIU/mL	N/A	1/6	61 µL	90
Fast TSH	dfTSH	11246	A120	Sample diluent A	85-500 µIU/mL	85-500 mIU/L	1/5	66 µL	102
Ferritin	d-Fer	11125	A146	Wash buffer II	1275-7500 ng/mL	1275-7500 µg/L	1/5	66 µL	102
Folate (WHO)	dFOLW	11156	A172	Wash buffer II	21-50 ng/mL	48-112 nmol/L	1/2	155 µL	174
GI Monitor	dGIAG	11159	A121	Sample diluent A	1700-20000 U/mL	N/A	1/10	50 µL	60
hFSH	dhFSH	11115	A122	Sample diluent A	170-400 mIU/mL	170-400 IU/L	1/2	155 µL	174
hLH	dhLH	11116	A124	Sample diluent A	213-500 mIU/mL	213-500 IU/L	1/2	155 µL	174
hsTnl	dhsTn	11299	A196	Sample diluent A	22,950- ~270,270 pg/mL	22,950- ~270,270 ng/L	1/10	50 µL	60
HYPER-sensitive hTSH	dtTSH	11183	A137	Sample diluent A	85-500 µIU/mL	85-500 mIU/L	1/5	66 µL	102
IL-6 [†]	dIL-6	11210	A125	Sample diluent A	1275-4500 pg/mL	N/A	1/3	110 µL	123
IL-6 RUO	dILRU	11290	A140	Sample diluent A	1275-4500 pg/mL	N/A	1/3	110 µL	123
Inhibin A	dInhA	11237	A126	Sample diluent A	1275-4500 pg/mL	51-179 IU/mL	1/3	110 µL	123
Insulin	dIns	11182	A127	Sample diluent A	255-3000 µIU/mL	1785-21000 pmol/L	1/10	50 µL	60
Myo-globin	dMYO	11162	A128	Sample diluent A	3400-40000 ng/mL	3400-40000 µg/L	1/10	50 µL	60
Ostase	dOst	11153	A129	Sample diluent A	102-360 µg/L	N/A	1/3	110 µL	123
OV Monitor	dOVAg	11175	A130	Sample diluent A	4250-100000 U/mL	N/A	1/20	25 µL	63
PAPP-A [†]	dPAPA	11270	A152	Wash buffer II	4250-10000 ng/mL	N/A	1/2	155 µL	174
PAPP-A RUO	dPARU	11291	A153	Wash buffer II	4250-10000 ng/mL	N/A	1/2	155 µL	174

UniCel DxI onboard dilution assay menu (continued)

Assay	DxI/DxC name (default)	APF number	Remisol Advance data manager code	Diluent required	Approximate range* in conventional units	Approximate range* in SI units	Dilution ratio	Sample pickup	Dilutions per pack**
Prolactin	dPRL	11128	A131	Sample diluent A	170-2000 ng/mL	170-2000 µg/L	1/10	50 µL	60
PSA (Hybri-tech)	dPSA	11170	A132	Wash buffer II	128-1500 ng/mL	N/A	1/10	50 µL	60
PSA (WHO)	dPSAW	11231	A133	Wash buffer II	111-1210 ng/mL	N/A	1/10	50 µL	60
PTH (intra-operative mode)	dPTHi	11215	A135	Sample diluent A	2975-35000 pg/mL	316-3714 pmol/L	1/10	50 µL	60
PTH (routine mode)	dPTH	11214	A134	Sample diluent A	2975-35000 pg/mL	316-3714 pmol/L	1/10	50 µL	60
Sensitive Estradiol	dSNE2	11292	A201	Sample diluent A	3400-10400 pg/mL	12481-38178 pmol/L	1/2	155 µL	174
SHBG	dSHBG	11255	A154	Wash buffer II	170-2000 nmol/L	N/A	1/10	50 µL	60
sTfR	dsTfR	11245	A155	Wash buffer II	128-1200 nmol/L	N/A	1/8	55 µL	70
Total βhCG (5 th IS)	d-CG5	11273	A180	Wash buffer II	1050-270000 mIU/mL	1050-270000 IU/L	1/200	20 µL	135
TPO Antibody	dTPO	11165	A136	Sample diluent A	850-10000 IU/mL	N/A	1/10	50 µL	60
Ultra-sensitive hGH	dhGH2	11232	A123	Sample diluent A	34-70 ng/mL	34-70 µg/L	1/2	155 µL	174
Vitamin B ₁₂	dB12	11190	A161	Sample diluent A	1275-7500 pg/mL	941-5533 pmol/L	1/5	66 µL	102

* The high end of the approximate range depends upon the highest calibrator concentration; for ease of interpretation, some upper and lower limit values have been rounded to the nearest whole number

** The number of dilutions per pack depends upon the mix of assays; the total number of dilutions decreases proportionally when more than one assay uses diluent from the same diluent pack

† Not available in the United States

Contact information

For more information about the UniCel DxI onboard dilution feature, contact Beckman Coulter technical support at:

- > Website: <http://www.beckmancoulter.com>
- > Phone: 1-800-854-3633 (in the United States or Canada)
- > Outside the United States and Canada: contact your local Beckman Coulter representative

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