



**Memo No.** ILS-2016-011

**Date:** June 6, 2016

**Memo To:** Naturopathic Clients

**Re: Meridian Valley Labs - Dried Urine Hormone Testing**

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**ICL Integrative Laboratory Services** is pleased to offer the new Dried Urine Hormone Test offered by Meridian Valley Lab (MVL).

After extensive development and testing, MVL has released a new test that combines the depth and breadth of 24-hour urine testing with the time-specific advantages previously available only in saliva testing. The collection kit includes a simple, easy-to-use system for collection of four dried urine spots through the day. Collection of a 24-hour urine or multiple saliva specimens is not required.

The Dried Urine Hormone Test combines these two popular methods by offering hormone metabolites, previously only available in 24-hour urine testing, and providing cortisol and cortisone throughout the day (circadian rhythm), just like saliva testing. This method provides a cost-effective, convenient, and complete assessment of your patient's hormonal picture.

A notable feature is MVL's ability to measure 2-methoxyestradiol. Clinical research has previously shown promising results for the use of 2-methoxyestradiol as an adjunct to cancer treatment. In addition, available panels measure both free and conjugated cortisol and cortisone. Including both fractions affords a more complete assessment of bioavailable hormones.

A table of available panels is included below. MVL has also created a Sample Report and a Test Interpretation Guide to help guide your treatment decisions, <http://meridianvalleylab.com/dried-urine>.

Contact the **ICL Client Care Team, 416-422-3000 ext. 300, Toll Free: 1-888-285-7817 ext. 300** or email **info@iclabs.com** for collection kits, pricing, Sample Report and Test Interpretation Guide.

	Dried Urine Hormone Profiles	Estrogen Profile	Sex Hormones	Adrenal Profile	Complete Profile	Complete PLUS
Estrogens	Estrone	●	●		●	●
	Estradiol	●	●		●	●
	Estriol	●	●		●	●
	2-Hydroxyestrone	●	●		●	●
	16a-Hydroxyestrone	●	●		●	●
	4-Hydroxyestrone	●	●		●	●
	2-Methoxyestrone	●	●		●	●
	2-Methoxyestradiol	●	●		●	●
	Pregnanediol (Progesterone)		●		●	●
Androgens	DHEA		●	●	●	●
	Testosterone		●		●	●
	Dihydrotestosterone		●		●	●
	5a-Androstenediol		●		●	●
	5b-Androstenediol		●		●	●
	Androsterone		●	●	●	●
	Etiocholanolone		●	●	●	●
		Pregnanetriol		●	●	●
Mineralocorticoids & Glucocorticoids	Cortisone*			●	●	●
	Cortisol*			●	●	●
	4-Point Cortisone					●
	4-Point Cortisol					●
	Tetrahydrocortisone			●	●	●
	Allo-Tetrahydrocortisol			●	●	●
	Tetrahydrocortisol			●	●	●
	11b-Hydroxyandrosterone			●	●	●
	11b-Hydroxyetiocholanolone			●	●	●
	Allo-Tetrahydrocorticosterone			●	●	●
	Tetrahydrocorticosterone			●	●	●
	11-Dehydro-Tetrahydrocorticosterone			●	●	●
	6-Sulfatoxymelatonin (Melatonin)				●	●

\*free + conjugated