

新陳代謝 運行分析



HK BioTek®

有機酸 ?

有機酸是人體新陳代謝過程中，在體內產生的化合物。新陳代謝則是一種在細胞層面上使生物得以生長、繁殖及修補的一系列化學反應。

新陳代謝反應就如發電機一樣，時刻為身體產生能量，其效率反映了我們的健康狀態。透過有機酸代謝分析，我們可了解到身體在以下範疇的運作能力：

- ✓ 身體吸收食物與營養素的能力
- ✓ 身體將營養轉為能量的能力
- ✓ 身體排除毒素的能力

養生之道，不通則痛！💡

身體的各個系統大多以平衡且相互的形式運作，當任何一方面出現失衡情況，健康狀態都會受到影響。

別以為新陳代謝的減退只會在中年以後才出現！代謝所衍生的問題均對心理，和生理層面帶來長遠的影響。

常見症狀

	焦慮、抑鬱、情緒波動
	腹脹、噁心、胃酸倒流
	自體免疫性疾病、慢性發炎、皮膚炎、關節疼痛、對多種化學物質敏感
	血糖失調、長期疲勞、早衰、睡眠異常、體重問題

究竟是「都市病」還是新陳代謝出現問題？

為甚麼要選擇尿液測試？👤

營養素和各種化合物在體內代謝過後，都會經排泄系統離開身體。

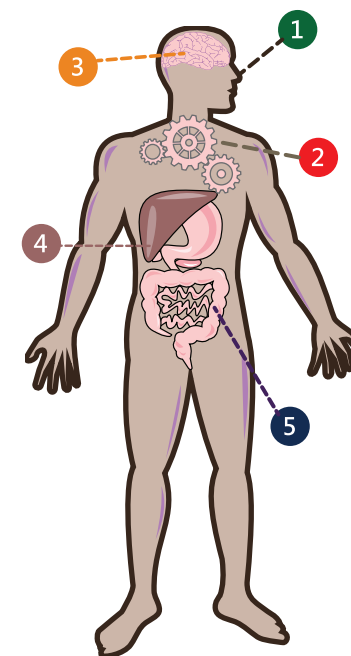
尿液樣本充分反映出各物質的代謝水平和效率，就有如透過分析汽車排出的廢氣，計算到引擎的性能。

HK BioTek 新陳代謝運行分析

- ✓ 運用革命性的Air-dried採集條收集清晨首個尿液樣本，便捷可靠
- ✓ 採用LC/QQQ科技，準確量度樣本的代謝物水平
*包含36種有機酸的代謝分析
- ✓ 美國化驗所屢獲殊榮，獨有的雙重檢測，帶來最高的準確度

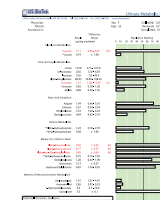
新陳代謝運行分析檢測報告將36種有機酸分為8類，涵蓋了新陳代謝的5大範疇：

- 1. 營養能量指標**
- 營養素的轉化
- 2. 身體運作指標**
- 體內的催化反應
- 3. 情緒健康指標**
- 了解情緒健康與平衡
- 4. 排毒功能指標**
- 肝臟排毒功能和處理毒素的強弱
- 5. 體內微生物指標**
- 腸道菌態平衡與免疫能力的關係



化驗需時14天，您將會收到：

- ✓ **個人的有機酸報告**
透過清楚易明的報告，您可了解體內代謝物水平、超標與否及於人口中的排名高低。
- ✓ **個人化的排毒或營養補充建議書**
有機酸代謝分析提供了個人新陳代謝的基礎信息，更會點出新陳代謝的強項及弱點。附有排毒及營養補充建議書，讓您掌握針對測試結果的對策。



Urinary Metabolic Profile



HK BioTek

Organic acids

Organic acids are compounds produced within the body in the course of metabolism.

And metabolism is a series of chemical reactions at a cellular level for the organism to grow, reproduce, repair, and to react to the outer environment.

Metabolism is

- Body's mini engine
- Supply the body's energy on demand
- Indicator to our health statuses

And is related to the following three functions:

- ✓ Ability to absorb foods and nutrients
- ✓ Ability to convert nutrients into energy
- ✓ Ability to remove toxins from the body

Balance is the key, then health goes afterwards

Ideally, our body parts and systems operate in a balance and mutual form of operation to carry out specific functions necessary for everyday living. When there is any imbalance, no matter on hormonal or mineral levels, this increase the risk of developing systematic health issues.

Metabolism is key to everyone, despite of age and gender. Metabolic derived problems could affect you psychologically and physiologically.



Symptoms

'Urban disease' or Metabolic disorder?



Anxiety, Depression, Mood changes



Bloating, Nausea, Acid Reflux



Autoimmune disorders, Chronic inflammation, Dermatitis, Joint pain, Multiple chemical sensitivity



Blood sugar dysregulation, Chronic fatigue, Early aging, Sleep abnormalities, Weight problems

Why urine test?

- ✓ States of metabolism determine states of health
- ✓ Easiest way to examine metabolic efficiency



HK BioTek Urinary Metabolic Profile

- ✓ Use revolutionary Air-dried strips to collect your first morning urine. Very easy for sampling and keep your sample being highly stable for analysis
- ✓ Precise technology: LC/QQQ measures the extent of metabolite levels that found with highest accuracy
* Analyses the urinary levels of 36 organic acids
- ✓ Award winning lab in United States
All tests run in duplicate for the most reliable result

The test result groups 36 organic acids markers into 8 groups, forming 5 categories:

1. Macronutrient Metabolites

- Key to nutritional metabolism

2. Cofactor Needs

- Determine catalysis status in the body

3. Neurotransmitters Levels

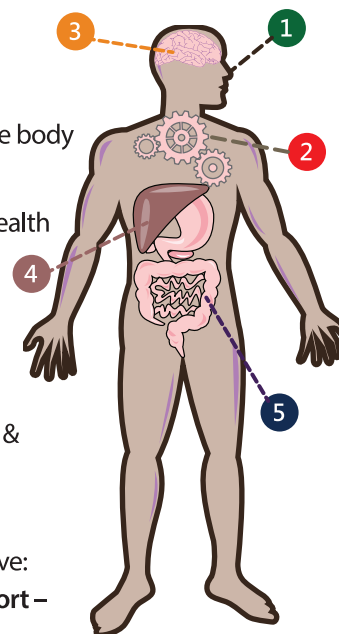
- Test for mood and emotional health

4. Detoxification Markers

- Efficiency on breakdown & excrete toxins

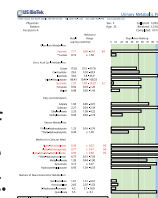
5. Bacterial Metabolic Index

- Correlation between immunity & gut flora balance



Within 14 days, you will receive:

- ✓ **Personal Organic Acids Report** –
 - Very easy to read
 - Present your level of metabolites, reference range and your position in the population.
- ✓ **LabAssist™ Wellness Report** –
 - The toxins level found relates to how well your body could handle them.
 - Recommendation on possible sources of toxins and dietary intervention provide actionable follow ups based on the test result.



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