

# Health Care Provider Bulletin

## CHANGES TO URINE METHYLPHENIDATE AND KETAMINE TESTING

As part of ongoing efforts to improve our quality of service, LifeLabs Ontario will start offering urine methylphenidate and ketamine testing in-house.

**This change will go into effect on March 25, 2024.**

Testing will be performed using Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) analytical platform. The methods are qualitative. Results above the detection limit will be reported as 'Detected', and results below the limit, will be reported as 'Not Detected'.

Relevant information related to new testing is presented in Table 1.

**Table 1. TAT, Reference Interval, Sample Handling Requirements**

| Test                  | TAT | Reporting (ng/ml)   | Sample Handling Requirements  |
|-----------------------|-----|---|---|
| Urine Methylphenidate | 14d | <ul style="list-style-type: none"><li>**Detected</li><li>Not Detected</li></ul> Detection limit = 25 ng/ml  | <ul style="list-style-type: none"><li>Collect at least 10 mL of random urine in sterile 90 mL urine container.</li><li>Store and Ship refrigerated at 2 – 8 degrees C</li></ul> |
| Urine Ketamine        | 14d | <ul style="list-style-type: none"><li>** Detected</li><li>Not Detected</li></ul> Detection limit = 50 ng/ml | <ul style="list-style-type: none"><li>Collect at least 10 mL of random urine in sterile 90 mL urine container.</li><li>Store and Ship refrigerated at 2 – 8 degrees C</li></ul> |

**Please note:** Due to changes in the analytical platform the reporting format and reporting comments have been updated based on the internal verification procedures. Please interpret results in context of the comments provided on the report.

If you have any questions or concerns, please contact the LifeLabs Clinical Biochemist below or LifeLabs Customer Care Centre at 1-877-849-3637.

We welcome your feedback!

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