



UNIVERSITÄTS KLINIKUM HEIDELBERG

Center for Metabolic Diseases Heidelberg – Metabolic Laboratory
Im Neuenheimer Feld 669 | 69120 Heidelberg Germany

Pre-analytic procedure for diagnosis of Trimethylaminuria

1. Sampling

We recommend to send three samples:

Sample 1: Urine collected under normal metabolic condition
(before a fish meal)

Sample 2: Urine collected 0 – 8 hours after a meal of marine fish
(at least 300 g for adults, 100 – 200 g for children)

Sample 3: Urine collected 9 – 18 hours after a meal of marine fish

2. Sample preparation

- All urine samples should be acidified with some droplets of 4 N HCl.
- pH of urine samples should be < 2 .
- Store the urine during collection period at 4°C
- Samples should be stored frozen and shipped on dry ice.
- Send a maximum of 10ml per sample.

3. Address:

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