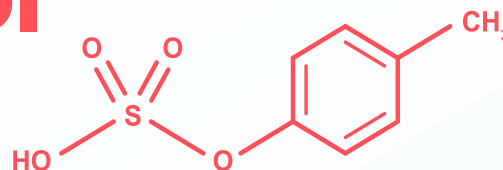




Salivary p-Cresol Sulfate



The tyrosine metabolite p-cresol sulfate is a key gut microbiota-derived uremic toxin, high concentrations of which are related to renal failure progression. Increased production of this compound by the gut microbiota and reduced clearance in kidney disease can lead to toxicity affecting nearly all systems in the body. Saliva could become the first-line diagnostic sample of choice for monitoring purposes.

Applications

- ▶ Kidney function
- ▶ Cardiovascular diseases
- ▶ Biopharmaceutical modulation of the host microbiome
- ▶ Nutraceuticals and probiotics
- ▶ Dietary intervention
- ▶ Bacterial product development
- ▶ Gut health & wellness
- ▶ Basic microbiome research

Analyte	LLOQ
	Saliva
p-Cresol Sulfate	2.50 ng/mL

The panel is for non-GxP testing and is not for diagnostic use

Analysis Method and Instrumentation

LC-MS/MS (Agilent 1290 UHPLC/Sciex QTrap 5500)

Sample Type and Required Amounts

Sample Type	Sample Requirement
Saliva	250 - 300 µL
Others on request	

Contact us to get started
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