

# Opipramol

## General:

Opipramol acts as a high affinity sigma receptor agonist primarily at the sigma-1 subtype, but also at the sigma-2 subtype with slightly lower affinity. This property is responsible for its therapeutic benefits against anxiety and depression. Opipramol also acts as a low to moderate affinity antagonist for the D2, 5-HT<sub>2</sub>, H<sub>1</sub>, H<sub>2</sub>, and muscarinic acetylcholine receptors. H<sub>1</sub> and H<sub>2</sub> receptor antagonism accounts for the antihistamine effect, and muscarinic acetylcholine receptor antagonism is responsible for its anticholinergic properties.

Opipramol is typically used in the treatment of generalized anxiety disorder (GAD). Its anxiolytic component is effective only after 1-2 weeks of administration. When starting treatment, opipramol is rather sedating in nature due to its antihistamine effects.

Material: 1 ml serum

TAT: 5-7 days\*

Method: LCMS

Units: µg/l

Ref.- range: 50 - 200

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>