

# Baclofen

## General:

Baclofen is a derivative of gamma-aminobutyric acid (GABA) primarily used to treat spasticity, especially in instances of spinal cord injury, spastic diplegia, multiple sclerosis, amyotrophic lateral sclerosis (Lou Gehrig's Disease) and trigeminal and glossopharyngeal neuralgias.

Baclofen produces its effect via modulating the GABAB receptor, similar to the drug GHB which also has the same mechanism of action and also similar effects. However, there are some pharmacological differences in that baclofen appears to have reduced abuse and dependence potential. The modulation of the GABAB receptor is what produces baclofen's range of therapeutic properties. Baclofen has also been shown to be as effective as diazepam in uncomplicated alcohol withdrawal syndrome.

Material: 1 ml serum

TAT: 7-10 days\*

Method: LCMS

Units: mg/l

Ref.- range: 0.10 - 0.60

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