

Netilmicin

General:

Netilmicin - like gentamycin, amikacin and tobramycin - belongs to amino-glycosides, which are used as antibiotics in emergency and in antibiotic combinations, e.g. with cephalosporins. Aminoglycosides show a wide spectrum, a primary bactericidal effect (especially with Gram-negatives), a fast effect and a synergistic effect in combination with β -Lactam antibiotics. Netilmicin is used as local instillation antibiotic or as parenteral initial treatment of acute septic infections. Elimination occurs via kidneys without me-tabolites.

Due to the relatively small therapeutic range, the use of aminoglycosides has to be considered carefully (risk of reversible nephrotoxicity, irreversible ototoxicity (!) and a cumulation due to overdosage. Contraindications: pregnancy, aminoglycoside allergy and pre-damages of the inner ear (some mutations have been associated with increased ototoxic effects).

Material: 2 ml serum

TAT: 5-7 days*

Method: FPIA

Units: ug/ml

Ref.- range: see report

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