

Biomacromolecular Mass Spectrometry Yearbook. Volume 1

Proteomics of *Nocardia africana* (SD769) recently isolated from patients with pulmonary infection in Sudan

Mogahid M. El Hassan, Kanury V.S. Rao, Zaved Siddique, Dinesh S. Kumar, Rashmi Tickoo, Nageeb S. Saeed, Moawia M. Mukhtar and Mohamed E. Hamid
171-177

Abstract:

Nocardia africana is a pulmonary pathogen which has been recently isolated from human in Sudan. There is great need for proteomic investigations but they are sparse at present. First attempts on *N. africana* SD 769 (DSM44491) visualized 74 protein of molecular weights between 10 -250 kDa and isoelectric points between 4–7. Due to the limited database information, identified proteins were assigned by homology to sequences from the other bacterial species such as *Staphylococcus aureus*, *Oceanobacillus iheyensis*, *N. farcinica* and *Yersinia pestis*