

Bioassayplus Inc.

4510 Rhodes Drive., Windsor, Canada N8W 5K5

Certificate of Analysis

Important Note:	Centrifuge before opening to ensure complete recovery of vial contents.
Catalog #:	Leish-maoc
Description:	<p>Currently, there are 2 million people worldwide infected by <i>Leishmania</i>, <i>Leishmaniasis</i> is caused by protozoan parasites which are transmitted by the bite of infected female phlebotomine sandflies. There are 3 main forms of leishmaniasis – visceral, which is the most serious form of the disease and fatal without treatment, cutaneous (the most common), and mucocutaneous.</p> <p>Visceral leishmaniasis is exclusively caused by <i>Leishmania donovani</i>, maoc-family dehydratase-like protein [<i>Leishmania donovani</i>] is identified from the urine with visceral leishmaniasis.</p> <p>Recombinant maoc protein [<i>Leishmania donovani</i>] contains 157 amino acids, which is expressed from <i>E. coli</i> with a 6 x his tag at its C-terminal about 18kDa migrated on 10% SDS-PAGE</p>
Source:	<i>E. coli</i>
Format:	Purified, Liquid
Purification:	>95% pure (10% SDS-PAGE, Coomassie blue stain). Proprietary chromatographic technique
Concentration:	1.2 mg/ml (lot: 11-17, 2022)
Buffer:	PBS
Applications:	Immunoassay
Storage:	Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles



Recombinant *maoc*,
Leishmania donovani, 18kDa

