CHAPTER – 2

AIMS & OBJECTIVES

1. To identify carbapenem resistant clinical isolates of gram negative bacteria upto species level by conventional / automated methods

2. To determine their susceptibility to various other classes of antibiotics

3. To characterize carbapenemase production by phenotypic and genotypic tests and to determine the utility of these tests.

4. To ascertain clonal relatedness of selected carbapenemase producers by Random amplified polymorphic DNA (RAPD)