Acknowledgement

First and foremost, thanks to **ALLAH**, without his help this work would not have been fulfilled.

I would like to express my special thanks to *PROFESSOR DR*. *MAGDA ABD EL-AZIZ ZEDAN*, Professor of Clinical and Chemical Pathology, Benha University, faculty of Medicine, who had expressed so much sincere care and devoted much of her time. I am deeply obligated for her kind supervision, unlimited help, keep interest and encouragement during the progress of this work.

And my deepest profound gratitude to *DR.DEENA AL SHABRAWY*, lecturer of Clinical and Chemical Pathology, Benha University, Faculty of Medicine, I am deeply appreciated and enjoyed her valuable advice, and great support.

My deep appreciation to *DR. MAHA ATFI*, Assistant consultant of Clinical and Chemical Pathology, Zagazig University, Faculty of Medicine, for her scientific role and great effort in this work. Her valuable continuous guidance and kind attitude during this study has made its completion possible.

Lastly, but not the least, I would like to thank *ALL THE STAFF MEMBERS* in Clinical Pathology Department, Faculty of Medicine,
Benha University, and those who contributed for completion of this work.

I wish to acknowledge the members of my family for their endless help especially *my sincerely husband* for his great continuous support and encouragement.