

## 2. OBJECTIVES

1. To modify and develop the methods for quantitation of NAG activity, microalbumin in urine using in-house prepared reagents for automated chemistry analyzer.
2. To establish reference values of urinary NAG, microalbumin for normal healthy Thai subjects and their cut-off levels for diabetic nephropathy.
3. To evaluate sensitivity, specificity, positive and negative predictive values of urinary NAG activity and microalbumin.
4. To determine statistical significant values of urinary NAG and microalbumin in correlation with glycemic control in diabetics.