

Kurdistan Regional Government  
Council Of Ministers  
Ministry of H.E.& Scientific Research  
Noble Technical Institute  
Medical Laboratory Technician Department



حكومتی هه‌ریێ كوردستان  
ئامجوماتی وەزیران  
وەزارەتی خوێندنی باڵا و توێژینه‌وه‌ی زانستی  
پهیمانگای تەکنیکی ئه‌وه‌یل  
بەشی شیکاری نەمشۆشیەکان

# **EARLY DETECTION OF THYROID DISORDERS: A STUDY ON THE SENSITIVITY OF TSH VS. FREE T3 LEVELS**

*A Project Submitted as Partial Fulfillment for the Requirements of  
the Diploma of Medical Laboratory Technician at Noble technical institute*

## **SUBMITTED BY:**

**Mohammed Saadi Waisi**

**Laylan Azad Asaad**

**Bana Sabir Salih**

**Ravin Othman Mohammed**

**Dekan Salem Zrar**

**Nyan Khalid Ahmed**

## **SUPERVISOR:**

**Dr. Rabar Mohammed Hussein**

**Kurdistan, Erbil 2025**