

# Our Services



## Biochemical Assessment

Zinc\* | Vitamin A\* | Vitamin E\* |  
Beta carotene\* | Vitamin D 25-OH\* |  
Vitamin C | Ferritin | Hematologi lengkap |



## Dietary Assessment

Interview and Analysis on Food Frequency Questionnaire (FFQ), Semiquantitative Food Frequency Questionnaire (SQFFQ) and 24-h Food Recall.  
Analysis on standard nutrients, additional nutrients, additional food intake by food group/ sub group/ food intake.



## Genetic Analysis

SNP Detection |  
Gene Expression Analysis



## Food Analysis

Food Additives | Heavy Metals |  
Chemical Contaminants |  
Pesticide Residues |  
Microbiology Test | Physic Test |  
Halal Test | Proximate Composition  
Analysis



## Freeze Dry Services

Primary applications of freeze drying include biological (e.g. bacteria and yeasts), biomedical (e.g. surgical transplants) and food processing (e.g. coffee). The quality of the product is excellent and nutritional content generally remain unchanged.



## Anthropometry and Body Composition Assessment

- Anthropometric measurement (Weight, Height, Length, & MUAC)
- Body composition assessment (Skin folds & Bioelectrical Impedance Analysis)

# SEAMEO RECFON LABORATORY



Southeast Asian Ministers of Education  
Regional Centre for Food and Nutrition

## Assessment Packages

### Risk of Metabolic Syndrome

- Complete Blood Count
- Blood Glucose
- Blood Cholesterol
- Uric Acid
- Bioimpedance analysis
- Blood pressure

### Risk of Anemia

- Complete Blood Count
- Ferritin
- Zinc
- HsCRP
- Dietary Assessment

### Oxidative Stress

- Vitamin A
- Betacaroten
- Vitamin C
- Vitamin E
- Dietary Assessment

### Vitamin D Deficiency

- Vitamin D
- Dietary Assessment

### Food Safety

- Chemical Contaminants
- Pesticide Residue
- Heavy Metals
- Microbiology Test



\*Accredited by



# About Us

SEAMEO RECFON Laboratory aimed to support research in food and nutrition by providing biochemical assessment, dietary assessment, anthropometry assessment, food analysis, genetic analysis, freeze dry services and panel of laboratory tests. Accredited by ISO/IEC 17025:2008, the laboratory committed to assure quality and serve the best for you.

## Contact Us

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<http://seameo-recfon.org/en/research-and-laboratory/laboratory>

## Our Facilities



HPLC Waters  
Alliance E2695



AAS GBC 932AA



Hematology Analyzer



Chemiluminescence  
immunoassay  
(CLIA) Analyzer



StepOne™ Real-Time  
PCR System



MaestroNano Pro,  
Micro-volume  
Spectrophotometer



BIA Analyzer



Freeze Dryer

## Other Equipments



Hemocue 201



Shorrboard  
(Shorr)



Body Weighing  
Scale (Seca 876)



Microtoise



Food Model



Measuring Tape  
(Seca 201)



Knee Height  
Caliper (Shorr)



Baby Length  
Board



Skinfold Caliper  
(Holtain)



Food Weighing Scale  
(Tanita KD-160)