

DAFTAR LAYANAN WET LAB INBIO

1. ANALISIS KIMIA ANALITIK

Parameter	Metode	Biaya Analisis per sampel	
		Sampel Padat	Sampel Cair
Ag (Perak)	AAS	Rp300,000	Rp300,000
Au (Emas)	AAS	Rp300,000	Rp240,000
Ca (Kalsium)	AAS	Rp250,000	Rp250,000
Cd (Kadmium)	AAS	Rp250,000	Rp250,000
Cu (Tembaga)	AAS	Rp250,000	Rp250,000
Fe (Besi)	AAS	Rp250,000	Rp250,000
Hg (Raksa)	AAS	Rp300,000	Rp300,000
K (Kalium)	AAS	Rp200,000	Rp150,000
K ₂ O	AAS	Rp200,000	Rp170,000
Mg (Magnesium)	AAS	Rp250,000	Rp250,000
Na (Natrium)	AAS	Rp200,000	Rp150,000
Pb (Timbal)	AAS	Rp200,000	Rp150,000
Zn (Seng)	AAS	Rp250,000	Rp250,000
Ni	AAS	Rp250,000	Rp250,000
Se	AAS	Rp250,000	Rp250,000
Cr (Kromium)	AAS	Rp250,000	Rp250,000
Cl (Klorida)	Argentometri	Rp200,000	Rp150,000
HCN (Asam Sianida)	Argentometri	Rp220,000	Rp170,000
Salinitas	Argentometri	Rp200,000	Rp200,000
DTA-TGA (Suhu diatas 1.000 C)	DTG	Rp1,500,000	Rp1,500,000
DTA-TGA (Suhu dibawah 1.000 C)	DTG	Rp1,000,000	Rp1,000,000
Lemak	Ekstraksi Gravimetri	Rp200,000	Rp200,000
FTIR Pelet KBr	FTIR	Rp240,000	Rp240,000
FTIR ATR	FTIR	Rp290,000	Rp290,000
Gas Chromatograph	GC	Rp400,000	Rp400,000
Chloroprene	GCMS	Rp900,000	Rp900,000
GCMS	GCMS	Rp900,000	Rp900,000
Etanol	GCMS	Rp900,000	Rp900,000
Abu	Gravimetri	Rp150,000	Rp120,000
Bahan Organik Total	Gravimetri	Rp200,000	Rp200,000
Berat Jenis	Gravimetri	Rp140,000	Rp140,000
Eksopolisakarida	Gravimetri	Rp200,000	Rp200,000
Hemiselulosa	Gravimetri	Rp800,000	Rp600,000
Kadar Air	Gravimetri	Rp150,000	Rp150,000
Kafein	Gravimetri	Rp300,000	Rp250,000

Kestabilan Emulsi	Gravimetri	Rp150,000	Rp150,000
Lignin	Gravimetri	Rp1,200,000	Rp1,000,000
Selulosa	Gravimetri	Rp1,000,000	Rp800,000
Serat Kasar	Gravimetri	Rp250,000	Rp200,000
Si (Silikon)	Gravimetri	Rp250,000	Rp200,000
Tar	Gravimetri	Rp150,000	Rp150,000
TDS (Total Dissolved Solid)	Gravimetri	Rp150,000	Rp150,000
TS (Total Solid)	Gravimetri	Rp150,000	Rp100,000
TSS (Total Suspended Solid)	Gravimetri	Rp150,000	Rp100,000
Volatile Matter	Gravimetri	Rp180,000	Rp180,000
Angka Iodium	Iodometri	Rp300,000	Rp300,000
Angka Peroksida	Iodometri	Rp420,000	Rp420,000
Vitamin C (Asam Askorbat)	Iodometri	Rp250,000	Rp250,000
Kesadahan	Kompleksometri	Rp250,000	Rp230,000
Konduktivitas	Konduktometri	Rp250,000	Rp200,000
Turbiditas	Nephelometri	Rp150,000	Rp100,000
pH	pHmetri	Rp150,000	Rp100,000
PSA	PSA	Rp600,000	Rp600,000
Refraktometer	Refraktometer	Rp50,000	Rp50,000
Rotary	Rotary per 12 Jam	Rp360,000	Rp360,000
Spray Dryer	Spary Dryer per Jam	Rp300,000	Rp300,000
Flavonoid	Spektrofotometer UV-Vis	Rp200,000	Rp200,000
Antioksidan DPPH (% Inhibisi dan IC50)	Spektrofotometer UV-Vis	Rp600,000	Rp600,000
Al (Aluminium)	Spektrofotometri	Rp300,000	Rp250,000
Albumin	Spektrofotometri	Rp340,000	Rp340,000
Amilase	Spektrofotometri	Rp400,000	Rp400,000
B (Boron)	Spektrofotometri	Rp260,000	Rp240,000
Co (Kobal)	Spektrofotometri	Rp220,000	Rp160,000
Cr (Kromium)	Spektrofotometri	Rp240,000	Rp200,000
Detergen	Spektrofotometri	Rp200,000	Rp150,000
Enzim Diastase	Spektrofotometri	Rp520,000	Rp520,000
Enzim Selulase	Spektrofotometri	Rp350,000	Rp350,000
Fenol	Spektrofotometri	Rp220,000	Rp220,000
Glukosa	Spektrofotometri	Rp300,000	Rp300,000
Gula Reduksi	Spektrofotometri	Rp300,000	Rp300,000
Gula Total	Spektrofotometri	Rp300,000	Rp300,000
Karbohidrat	Spektrofotometri	Rp300,000	Rp300,000
Klorofil-a	Spektrofotometri	Rp220,000	Rp220,000
Kolesterol	Spektrofotometri	Rp200,000	Rp200,000
Mn (Mangan)	Spektrofotometri	Rp250,000	Rp200,000
Mo (Molibdenum)	Spektrofotometri	Rp300,000	Rp200,000

N – NH3	Spektrofotometri	Rp250,000	Rp200,000
N Total	Spektrofotometri	Rp300,000	Rp200,000
Ni (Nikel)	Spektrofotometri	Rp300,000	Rp200,000
NO2-	Spektrofotometri	Rp220,000	Rp200,000
NO3-	Spektrofotometri	Rp220,000	Rp200,000
P Total	Spektrofotometri	Rp300,000	Rp200,000
P2O5	Spektrofotometri	Rp600,000	Rp400,000
PO43-	Spektrofotometri	Rp300,000	Rp200,000
Protease	Spektrofotometri	Rp400,000	Rp400,000
S (Belerang)	Spektrofotometri	Rp250,000	Rp200,000
Sakarosa	Spektrofotometri	Rp300,000	Rp300,000
SO42-	Spektrofotometri	Rp250,000	Rp200,000
Capsaicin	Spektrofotometri UV-Vis	Rp160,000	Rp160,000
Spektrotometer UV-Vis	Spektrotometer UV-Vis	Rp60,000	Rp60,000
Tegangan Permukaan	Tensiometri	Rp150,000	Rp150,000
Angka Asam	Titration Asam Basa	Rp240,000	Rp240,000
Bilangan Penyabunan	Titration Asam Basa	Rp150,000	Rp150,000
C Anorganik	Titration Asam Basa	Rp400,000	Rp400,000
CO32-	Titration Asam Basa	Rp150,000	Rp100,000
Daya Cerna In Vitro	Titration Asam Basa	Rp350,000	Rp350,000
HCO3-	Titration Asam Basa	Rp150,000	Rp100,000
Keasaman	Titration Asam Basa	Rp150,000	Rp100,000
Kebasaan	Titration Asam Basa	Rp150,000	Rp100,000
Lipase	Titration Asam Basa	Rp400,000	Rp400,000
Nikotin	Titration Asam Basa	Rp900,000	Rp900,000
Protein	Titration Asam Basa	Rp300,000	Rp260,000
BOD (Biochemical Oxygen Demand)	Titration Redoks	Rp300,000	Rp300,000
C Organik	Titration Redoks	Rp320,000	Rp320,000
C Total	Titration Redoks	Rp720,000	Rp720,000
C Total (Bahan Baja/Besi)	Titration Redoks	Rp320,000	Rp320,000
C Total (Pupuk)	Titration Redoks	Rp700,000	Rp700,000
COD (Chemical Oxygen Demand)	Titration Redoks	Rp300,000	Rp300,000
DO (Dissolved Oxygen)	Titration Redoks	Rp200,000	Rp200,000
Tannin	Titration Redoks	Rp300,000	Rp300,000
TOM (Total Organic Meter)	Titration Redoks	Rp200,000	Rp200,000
Capsaicin	UHPLC	Rp1,000,000	Rp1,000,000
Kafein	UHPLC	Rp800,000	Rp800,000
Vitamin C (Asam Askorbat)	UHPLC	Rp800,000	Rp800,000
UHPLC	UHPLC	Rp600,000	Rp600,000
Quercetin	UHPLC	Rp1,100,000	Rp1,100,000
Asam Galat	UHPLC	Rp800,000	Rp800,000

Beta-Karoten	UHPLC	Rp900,000	Rp900,000
Astaxanthin	UHPLC	Rp900,000	Rp900,000
Gingerol	UHPLC	Rp800,000	Rp800,000
Sukrosa/Fruktosa/Glukosa	UHPLC	Rp900,000	Rp900,000
Diosin	UHPLC	Rp900,000	Rp900,000
Diosgenin	UHPLC	Rp900,000	Rp900,000
Viskositas	Viskometri	Rp150,000	Rp150,000
Asam Lemak Bebas	Volumetri	Rp200,000	Rp200,000
Sakarín	Volumetri	Rp200,000	Rp200,000
Total Asam	Volumetri	Rp110,000	Rp110,000
Asam Oksalat	Volumetri	Rp350,000	Rp350,000
C/N Rasio		Rp920,000	Rp920,000
Maserasi		Rp400,000	Rp400,000
Skrining Fitokimia Kualitatif (Saponin, Flavonoid, Alkaloid, Tannin, Terpenoid)		Rp200,000	Rp200,000

2. LC-HRMS

No.	Metode	Biaya Analisis	
1	Untargeted Metabolomics, ready to inject	Rp4,000,000	per sample
2	Untargeted Metabolomics, with sample preparation	Rp5,000,000	per sample
3	Untargeted Proteomics, ready to inject	Rp7,000,000	per sample
4	Untargeted Proteomics, with sample preparation	Rp9,000,000	per sample
5	Untargeted Lipidomics, ready to inject	Rp5,000,000	per sample
6	Untargeted Lipidomics, with sample preparation	Rp7,000,000	per sample
7	Targeted Compounds, screening per compound including structure annotation	Rp2,000,000	per compound
8	Targeted Peptide/Protein, screening per peptide sequencing including b and y ion alignment	Rp4,000,000	per protein
9	Small Molecule Sample Preparation Only	Rp1,000,000	per sample
10	Protein Digestion Sample Preparation Only	Rp2,000,000	per sample

3. SEQUENCING

No.	Metode	Biaya Analisis	
1	DNA Extraction	Rp1,200,000	
2	RNA Extraction	Rp1,200,000	
3	DNA Quantification	Rp1,200,000	
4	WGS	Rp162,500,000	per 100 GB
5	WGS by Reference	Rp11,200,000	per 1 GB/Coverage 30x
6	RNA Sequencing	Rp218,400,000	500k reads/per 100 GB
7	Shotgun Metagenomics	Rp19,000,000	per 5GB
8	Metabarcoding Full Length 16s	Rp5,400,000	
9	Metabarcoding Region V3-V4 16s	Rp3,800,000	
10	Metabarcoding ITS 1-2	Rp3,800,000	

11	DNA Barcoding	Rp2,400,000	
12	PCR Optimation	Rp1,600,000	
13	qPCR	*	case by case
Ekstraksi Protein			
14	Darah/Serum/Urin/Eksudat	Rp300,000	
15	Jaringan	Rp360,000	
Ekstraksi DNA			
16	Darah/Serum/Urin/Eksudat	Rp400,000	
17	Jaringan (Organ Lunak)	Rp500,000	
18	Jaringan (Rambut, Kuku, Bulu)	Rp600,000	
19	Sequencing DNA (Sanger?)	Rp1,200,000	
20	PCR	Rp1,400,000	

4. IN VITRO

No.	Description	Remarks	Price
Antioxidant Analysis			
1	ABTS Assay; Screening	sample	Rp640,000
2	ABTS Assay; IC50	sample	Rp760,000
3	FRAP Assay; Screening	sample	Rp640,000
4	FRAP Assay; IC50	sample	Rp740,000
5	DPPH; Screening	sample	Rp640,000
6	DPPH; IC50	sample	Rp780,000
7	TBARS; Screening	sample	Rp726,000
8	TBARS; IC50	sample	Rp842,000
Cell-based Assay			
9	MTT Assay; Screening	sample	Rp6,800,000
10	MTT Assay; IC50	sample	Rp7,600,000
11	MTT + Apoptosis Imaging V	sample	Rp18,000,000
Antiinflammatory Assay (incl. MTT Assay)			
12	NO Production Inhibition	sample	Rp15,600,000
13	TNF- α ; Screening	sample	Rp10,900,000
14	TNF- α ; 3 Concentration	sample	Rp17,300,000
15	IL-1 β ; Screening	sample	Rp10,900,000
16	IL-1 β ; 3 Concentration	sample	Rp17,300,000
17	IL-6; Screening	sample	Rp10,900,000
18	IL-6; 3 Concentration	sample	Rp17,300,000
19	Interferon- γ ; Screening	sample	Rp10,900,000
20	Interferon- γ ; 3 Concentration	sample	Rp17,300,000
Note: Antiinflammatory assay minimal running 8 sample			
Neuroprotective			
21	Parkinson Model (MTT Assay) - SH5Y Cell Line	sample	Rp15,600,000

Analgesic Assay (incl. MTT Assay)			
22	COX2 Assay; Screening	sample	Rp11,580,000
23	COX2 Assay; IC50	sample	Rp19,500,000
24	cAMP Assay; Screening	sample	Rp10,900,000
25	cAMP Assay; IC50	sample	Rp17,300,000
Note: Analgesic assay minimal running 8 sample			
Antidiabetic Assay			
26	HepG2 Adipocyte Glucose Cellular Intake (incl. MTT Assay)	sample	Rp20,000,000
27	α -Glucosidase Inhibitory Assay; Screening	sample	Rp1,680,000
28	α -Glucosidase Inhibitory Assay; IC50	sample	Rp2,910,000
29	α -Amylase Inhibitory Assay; Screening	sample	Rp1,680,000
30	α -Amylase Inhibitory Assay; IC50	sample	Rp2,910,000
Antiaging			
31	B16 Melanoma Cell Assay (MTT); Screening	sample	Rp6,800,000
32	B16 Melanoma Cell Assay (MTT); IC50	sample	Rp7,600,000
33	B16 Melanoma Cell Assay (In Situ Melanocyte Production)	sample	Rp8,000,000
34	3T3 Cell Line – In Vitro Wound Healing	sample	Rp25,920,000
35	Tyrosinase Inhibitory Assay; Screening	sample	Rp800,000
36	Tyrosinase Inhibitory Assay; IC50	sample	Rp2,800,000
Enzyme - based Assay			
37	Lipase Inhibitory Assay; Screening	sample	Rp800,000
38	Lipase Inhibitory Assay; IC50	sample	Rp2,400,000
Electrophoresis			
39	SDS-PAGE - Screening Protein Molecular Weight	sample	Rp1,500,000
Anti Acne			
40	Evaluation of Antimicrobial Potency using Disc – Diffusion Assay	sample	Rp4,500,000
41	Minimum Inhibitory Concentration (MIC) using Dilution Method	sample	Rp7,000,000
Strain: Staphylococcus aureus; Staphylococcus epidermis; Propionibacterium acne			
42	SPF and PA	sample	Rp3,000,000
Immunoassay			
43	Flowcytometry (3 antibodi)		Rp400,000
44	Analisis Flowcytometry (Gating)		Rp30,000
Pembuatan Histopatologi			
45	Pewarnaan HE	per slide	Rp100,000
46	Pewarnaan IHC	per slide	Rp380,000
47	Pewarnaan MT	per slide	Rp170,000
Pembuatan & Pembacaan Histopatologi			
48	Pembuatan & Pembacaan HE	per slide	Rp140,000
49	Pembuatan & Pembacaan IHC	per slide	Rp420,000
50	Pembuatan & Pembacaan MT	per slide	Rp210,000

51	Pembacaan Histopatologi	per slide	Rp50,000
	Pemeriksaan Hematologi		
52	Darah Lengkap		Rp184,000
53	Morfologi dan Diferensial WBC		Rp164,000
	Pemeriksaan Kimia Darah		
54	SGOT, SGPT		Rp80,000
55	ALP, TBIL, DBIL		Rp70,000
56	Total Protein, Albumin		Rp80,000
57	Globulin, A/G Ratio, GGT		Rp90,000
58	Creatinin, BUN		Rp80,000
59	Cholinestrase, Amonia, Uric Acid		Rp80,000
60	Cholesterol, HDLC, LDLC, Trigliserida		Rp80,000
61	Creatinin Kinase		Rp80,000
62	Glucose, Amylase, Lipase, C3		Rp80,000
63	Total Bilirubin, Direct Bilirubin, Indirect Bilirubin		Rp80,000
64	Lactate Dehydrogenase (LDH)		Rp80,000
65	Creatine Kinase (CK or CPK)		Rp80,000
66	Gamma Glutamyl Transferase (GGT)		Rp80,000
67	Imunoglobulin (IgY, IgA, IgG, IgM)		Rp120,000
68	Cl, Ca, Mg, Fe, Zn, P, K, Na, Na/P Ratio, Total CO ₂ , Total Fe, CO ₂		Rp100,000
69	r-GT, ACP, TBA, Cu, CK-MB, LPA, LPS, CO ₂ -CP, AMS, UAMY, MAO, SA, FMN, HCY, CrP, TF, AAG, HBDH, LDH, CK, ApoA, ApoB		Rp100,000
70	MDA		Rp170,000
71	Kadar Alpha-Globulin		Rp80,000
72	Kadar Beta-Globulin		Rp80,000
73	Kadar Gamma-Globulin		Rp80,000
74	Analisis Plasma		Rp300,000
75	SOD		Rp160,000
76	Uji Sitokin Pro Inflamasi Serologi (TNF A, IL1, IL6 dll)		Rp230,000
	ELISA		
77	Ig G		Rp240,000
78	Ig M		Rp240,000
79	Ig A		Rp240,000
80	Ig E		Rp240,000
81	Ig Y		Rp240,000
	Hormon		
82	Estradiol		Rp440,000
83	Estrogen		Rp180,000
84	T3, T4		Rp180,000
85	FSH, LH		Rp380,000
86	Progesteron		Rp240,000

87	Prolaktin	Rp380,000
88	T3 Up Take	Rp140,000
89	Testosteron	Rp600,000
90	Tiroid Stimulating Hormon (TSH)	Rp200,000
91	Cortisol	Rp360,000
92	PTH	Rp420,000
93	Beta - HCG	Rp420,000

5. MIKROBIOLOGI

No.	Description	Remarks	Price (IDR)
	Kultur		
1	Uji Sensitivitas		Rp200,000
2	Mikrobiologi		Rp240,000
3	TPC		Rp340,000
4	Tape Smear		Rp90,000
	Identifikasi		
5	Uji Sensitivitas		Rp200,000
6	Mikrobiologi		Rp240,000
7	TPC		Rp340,000
8	Tape Smear		Rp90,000
	Pembuatan Preparat		
9	Mikrobiologi Kering		Rp150,000
10	Mikrobiologi Basah		Rp150,000
11	Sensitivitas Antibiotik		Rp400,000
12	Sensitivitas Per Antibiotik		Rp70,000
13	Total Plate Count		Rp360,000
14	Colony Forming Unit		Rp360,000
15	Isolat Bakteri		Rp570,000
16	Uji Bakteri Tahan Asam		Rp500,000
17	Sediaan Pewarnaan Gram		Rp40,000