***Equipment Rental Rate and Service Charge (JMPP Department)***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Bil.** | **Equipment / service**  | **Type of Analysis** | **Unit** | **UPM** **(RM)** | **Government (RM)** | **Private** **(RM)** |
| * **Microbiology Lab**
 |
| 1. | Cell culture facilities | Provide training/analysis on the cell culture techniques/selected assays  | Training package | 825.00 | 908.00 | 999.00 |
| 2. | Bench fee for cell culture facilities | Usage of all equipment related to cell culture work | Person / Week | 330.00 | 360.00 | 400.00 |
| 3. | PCR thermal cycler | Amplification of DNA | Hour | 33.00 | 36.00 | 40.00 |
| 4. | Autoclave | Sterilization of research materials | Run | 15.00 | 20.00 | 30.00 |
| * **Virology Lab**
 |
| 5. | Semi-dry trans-blot | Transfer of protein molecules to gel | Hour | 45.00 | 50.00 | 55.00 |
| 6. | Gel documentation system (without print-out) | Gel imaging using UV light | Read | 6.00 | 8.00 | 10.00 |
| 7. | Biohazard cabinet | Clinical sample processing | Usage | 18.00 | 21.00 | 27.00 |
| 8 | Refrigerated centrifuge | Sample separation  | Hour | 60.00 | 80.00 | 100.00 |
| 9 | UV-VIS Spectrophotometer | Analyze the chemical structure of substance | Hour | 12.00 | 15.00 | 20.00 |
| 10 | Bench fee for cell culture facilities | Usage of all equipment related to cell culture work | Person / Week | 330.00 | 360.00 | 400.00 |
| * **Mycology Lab**
 |
| 11 | ELISA reader | Detection of biological, chemical or physical events of samples in microtiter plates. | Plate | 11.00 | 12.00 | 13.00 |
| 12 | Type 1 ultrapure water | Analytical work | 100 milliliter | 1.10 | 1.20 | 1.30 |
| 13 | Biosafety Cabinet Class II | Fungal culture work | Usage | 18.00 | 21.00 | 27.00 |
| **Bil.** | **Equipment / service**  | **Type of Analysis** | **Unit** | **UPM** **(RM)** | **Government (RM)** | **Private** **(RM)** |
| * **Media Preparation Lab**
 |
| 14 | Autoclave | Sterilization of research materials | Run | 15.00 | 20.00 | 30.00 |
| * **Parasitology Lab**
 |
| 15 | ELISA Reader | Detection of biological, chemical or physical events of samples in microtiter plates. | Plate | 11.00 | 12.00 | 13.00 |
| 16 | Fluorescent Microscope | Slide observation | Hour | 46.00 | 52.00 | 58.00 |
| 17 | Trinocular Microscope with Imaging System (Nikon) | Slide observation | Hour | 34.00 | 37.00 | 41.00 |
| 18 | Stereo Microscope | Slide observation | Hour | 33.00 | 36.00 | 40.00 |
| 19 | Stereo Microscope with LED and HD Camera | Slide observation | Hour | 33.00 | 36.00 | 40.00 |
| 20 | Inverted Microscope | Slide observation | Hour | 36.00 | 40.00 | 44.00 |
| 21 | PCR thermal cycler | Amplification of DNA | Hour | 33.00 | 36.00 | 40.00 |
| 22 | PCR Mastercycler Gradient | Amplification of DNA | Hour | 36.00 | 40.00 | 44.00 |
| 23 | Transblotter | Western blot | Gel | 22.00 | 25.00 | 27.00 |
| 24 | Gel documentation system (without print-out) | Gel imaging using UV light | Read | 6.00 | 8.00 | 10.00 |
| 25 | Bench fee for cell culture facilities | Usage of all equipment related to cell culture work | Person / Week | 330.00 | 360.00 | 400.00 |
| 26 | PCR Workstation (Laminar Flow) | DNA work | Usage | 10.00 | 12.00 | 15.00 |
| 27 | Autoclave | Sterilization of research materials | Run | 15.00 | 20.00 | 30.00 |

**REVIEW DATE: 10/09/2020**