

| نوع تست                                                           | نام دستگاه                                | ردیف |
|-------------------------------------------------------------------|-------------------------------------------|------|
| Bright Field Imaging                                              | Cytation 5 Cell Imaging Multi-Mode Reader | 1    |
| Color Bright Field Imaging per 1 Image                            |                                           |      |
| Corning 96-well UV Microplates                                    |                                           |      |
| DAPI Fluorochrome Imaging (377-447 nm, Blue) per 1 Image          |                                           |      |
| GFP Fluorochrome Imaging (469-625 nm, Green) per 1 Image          |                                           |      |
| Plate Reader (Area Scanning Absorbance) up to 5 wells             |                                           |      |
| Rental Cytation 5 (Imaging) 1 hour                                |                                           |      |
| Kinetic& Affinity evaluation on carboxymethyl dextran chip (CMD)  | Surface Plasmon Resonance (SPR)           | 2    |
| Kinetic& Affinity evaluation on streptavidin chip                 |                                           |      |
| Kinetic& Affinity evaluation on Bare Gold Chips                   |                                           |      |
| Kinetic& Affinity evaluation(1hour)                               |                                           |      |
| Rental SPR                                                        |                                           |      |
| SPR consulting and materials preparation                          |                                           |      |
| Analyzing the crystals of amino acids and organic monolayers      | Atomic force microscopy (AFM)             | 3    |
| DNA and RNA analysis, Protein-nucleic acid complexes, Chromosomes |                                           |      |
| Imaging of polymers, nano structures or other materials           |                                           |      |
| Imaging of Structural of biological molecules                     |                                           |      |
| Cell Culture                                                      | Laminar Air Flow II                       | 4    |
| Cell Cycle Analysis                                               | Flowcytometry (MACSQuant Miltenyi Biotec) | 5    |
| Antibody Isotyping                                                |                                           |      |
| Live Cell Imaging                                                 | Inverted Microscope                       | 6    |
| Real-Time PCR (Gene Determination) + 48 strip                     | Real-Time PCR                             | 7    |
| Real-Time PCR (Gene Determination) + 96 strip                     |                                           |      |
| Real-Time PCR(Gene Determination)                                 |                                           |      |
| (Per 1 sample) homogenizing                                       | Tissue refrigerator homogenizer           | 8    |
| Freeze drying (per 1 sample up to 10ml) 24 hours                  |                                           |      |

|                                                                                              |                                                     |    |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------|----|
| Lyophilization (for 1 sample up to 5 cc)                                                     | Freeze Dryer                                        | 9  |
| Apoptosis and Necrosis Evaluation                                                            | Flowcytometry (BD FACS Calibur)                     | 10 |
| Cell cycle analysis by BD FACS Calibur                                                       |                                                     |    |
| Evaluation of Oxidative Stress                                                               |                                                     |    |
| Immunophenotyping                                                                            |                                                     |    |
| Cell Culture                                                                                 | CO2 Incubator                                       | 11 |
| Liver Function Tests (Liver Enzymes)                                                         | Auto Analyzer                                       | 12 |
| Liquid FTIR                                                                                  | Fourier Transform Infrared Spectrophotometer (FTIR) | 13 |
| Chemical Analysis of Solids, Semi-solids, and Organic Liquids                                |                                                     |    |
| GC                                                                                           | Gas Chromatography / Mass Spectrometry (GC-MS)      | 14 |
| GS-MS analysis of the samples with searching on available libraries (3 hours)                |                                                     |    |
| GS-MS analysis of the samples with searching on available library or repeat sample (3 hours) |                                                     |    |
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| Double Beam Spectrophotometry (Absorbance)                                                   | Double Beam Spectrophotometer                       | 17 |
| Double Beam Spectrophotometry (Lambda Max Determine)                                         |                                                     |    |
| Double Beam Spectrophotometry (Standard Curve)                                               |                                                     |    |
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| <b>Tissue Culture</b>                                                  | <b>Shaking Incubator</b>          | 23 |
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| <b>Horizontal Electrophoresis by Agarose gel</b>                       |                                   |    |
| <b>Two-Dimensional Electrophoresis</b>                                 |                                   |    |
| <b>SDS-PAGE</b>                                                        |                                   |    |
| <b>Ion Exchange Chromatography</b>                                     |                                   |    |
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| <b>Vacuum Drying</b>                                                   |                                   |    |
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