




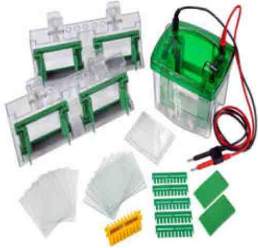










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[Biotechnology Research Center has cooperated with Iran \(Nanotechnology Laboratory Network \(INLN](#)

INLN

Instruments	Applications	Company	Model
 <p data-bbox="579 533 719 562">Real- Time PCR</p>	<p data-bbox="887 304 1131 409">used quantitatively and semi-quantitatively, i.e. above/below a certain amount of DNA molecules</p>	<p data-bbox="1185 342 1273 365">CORBETT</p>	<p data-bbox="1331 342 1437 365">HRM+6000</p>
 <p data-bbox="560 974 737 1003">Gel documentation</p>	<p data-bbox="887 752 1142 880">for the imaging and documentation of nucleic acid and protein suspended within polyacrylamide or agarose gels</p>	<p data-bbox="1185 813 1273 835">SYNGENE</p>	<p data-bbox="1321 813 1445 835">InGenius LHR</p>
 <p data-bbox="584 1429 713 1458">Master Cycler</p>	<p data-bbox="887 1238 1134 1321">used to amplify segments of DNA via the polymerase chain reaction</p>	<p data-bbox="1177 1261 1281 1283">EPENDORF</p>	<p data-bbox="1366 1261 1401 1283">AG</p>

 <p>horizontal electrophoresis system</p>	<p>for separation and analysis of macromolecules (DNA, RNA and proteins) and their fragments, based on their size and charge</p>	<p>BIORAD</p>	<p>MINI SAB</p>
 <p>vertical electrophoresis system</p>	<p>to separate biological macromolecules, usually proteins or nucleic acids, according to their electrophoretic mobility</p>	<p>BIORAD</p>	<p>Mini-PROTEAN</p>
 <p>Shaker Incubator</p>	<p>used to mix, blend, or to agitate substances in tube(s) or flask(s) by shaking them</p>	<p>Heidolph</p>	<p>Incubator 1000</p>
 <p>refrigerated Centrifuge</p>	<p>used for the separation of fluids or liquid, based on density up to 15.000 rpm with possibility of precooling the rotors during standstill</p>	<p>SIGMA</p>	<p>6-16K</p>

 <p>Epoch</p> <p>Microplate Spectrophotometer</p>	<p>used to detect biological, chemical or physical events of samples in microtiter plates and to determine the average concentrations of DNA , RNA or protein present in a mixture.</p>	<p>BioTek</p>	<p>Epoch</p>
 <p>Gene Pluser (Electroporation)</p>	<p>used to transform bacteria, yeast, or plant protoplasts by introducing new coding DNA</p>	<p>BIORAD</p>	<p>1652666</p>
 <p>Ultracentrifuge</p>	<p>used in biology for pelleting of fine particulate fractions, such as cellular organelles (mitochondria, microsomes, ribosomes) and viruses and for gradient separations with an increasing concentration of a dense substance in solution</p>	<p>Beckman</p>	<p>TLX-120</p>
 <p>Centrifuge Harrier 18/80</p>	<p>for isolating and separating suspensions and immiscible liquids</p>	<p>MSE</p>	<p>Harrier 18/80</p>
 <p>Uv / Visible Spectrophotometer</p>	<p>used in many biochemical experiments that involve DNA, RNA, and protein isolation, enzyme kinetics and biochemical analyses</p>	<p>CECIL</p>	<p>8000</p>
 <p>Spectrofluorometer</p>	<p>used to identify the presence and the amount of specific molecules in a medium</p>	<p>JASCO</p>	<p>FP-750</p>