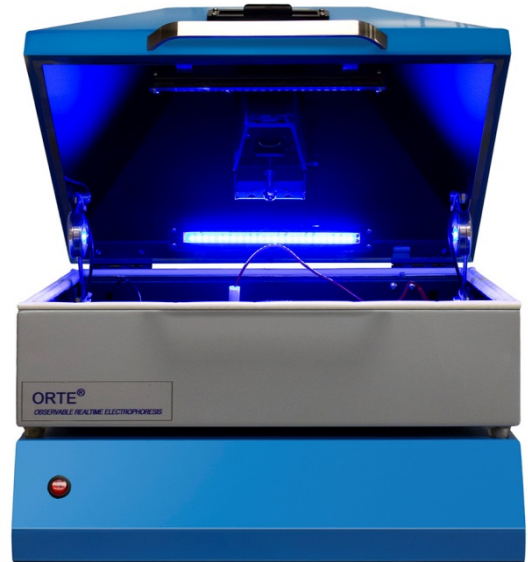
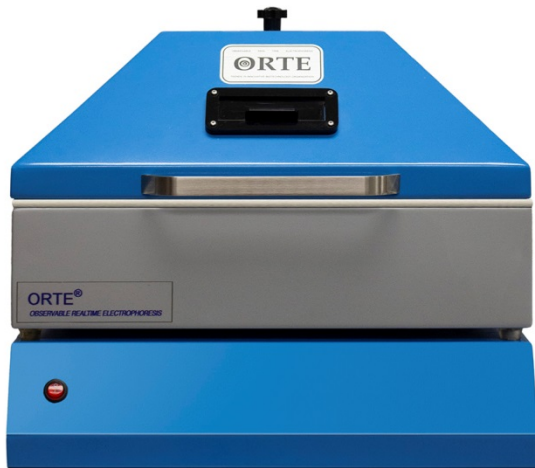


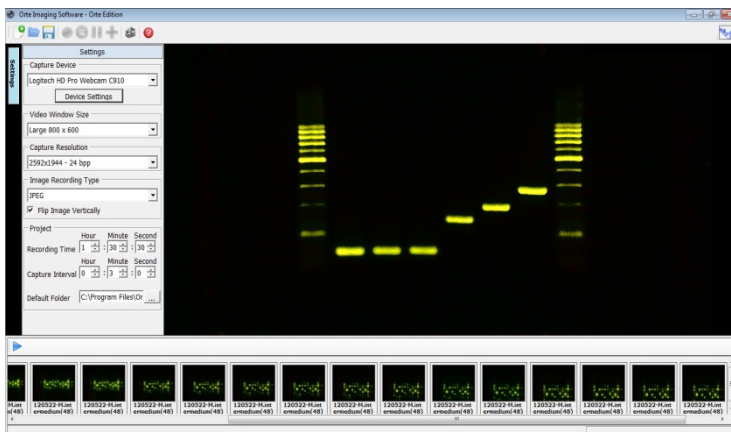


ORTE®

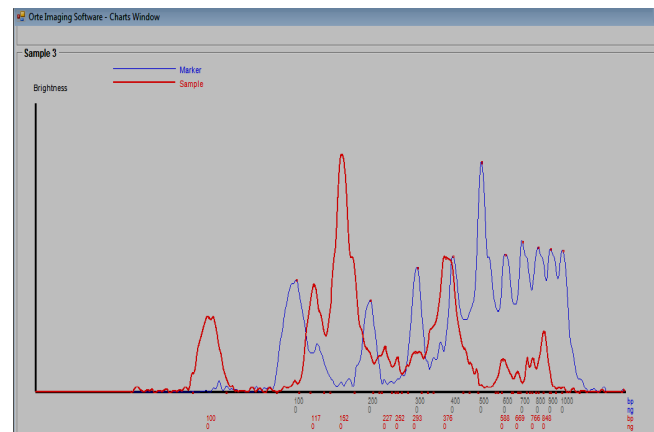
Observable Real-Time Electrophoresis



- ✱ **3 DEVICES IN ONE! POWER SUPPLY, ELECTROPHORESIS AND GEL DOCUMENTATION**
- ✱ **THE WHOLE RUN CAN BE VIEWED IN REAL TIME, RECORDED, REPLAYED AND ANALYZED**
- ✱ **NO NEED FOR CARCINOGENIC STAINS; DOES NOT PRODUCE TOXIC WASTE**
- ✱ **COMPLETELY SAFE; NO NEED FOR UV PROTECTION**
- ✱ **SAFE BLUE LED LIGHT TECHNOLOGY**
- ✱ **NO UV LIGHT; NO DAMAGE TO DNA; NO PHOTOBLEACHING**



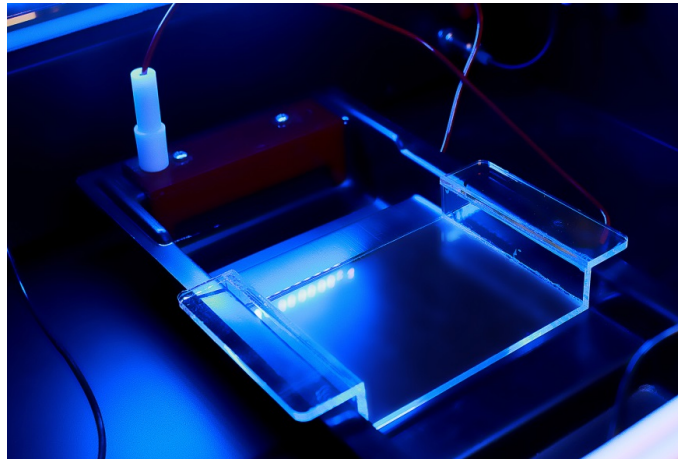
ORTE® imaging Software



ORTE® Analysis



- ✱ **ENABLES VIEWING AND RECORDING THE WHOLE ELECTROPHORESIS RUN**
- ✱ **USER FRIENDLY SOFTWARE FOR IMAGING AND ANALYSIS**
- ✱ **VERY SMALL AND VERY LARGE MOLECULES CAN BE SEPARATED AND VISUALIZED IN A SINGLE RUN WITH A SHORT GEL**
- ✱ **ENABLES CUTTING GEL TO PURIFY MOLECULES WITHOUT ANY EYE (UV) PROTECTION**



- ✓ Orte is an instrument that combines electrophoresis and gel documentation system
 - ✓ The whole run can be recorded, replayed and analyzed
- ✓ Orte's original single wavelength, lateral led illumination eliminates the need for extra filters
 - ✓ Hazardous effects of UV and ethidium bromide are eliminated
 - ✓ Agarose, low-melting agarose or acrylamide gels can be applied
 - ✓ You can pour your own gel or apply ready to use gels
 - ✓ DNAs or RNAs can be stained by dyes that fluoresce by blue light
 - ✓ The DNA or RNA bands are visualized from beginning to the end of electrophoresis
- ✓ The gel can be viewed through a window, without any need for protective glasses
- ✓ Very small and very large DNA molecules can be analyzed in a single run since all the run is recorded and the electrophoresis can be continued after small DNA molecules fall off the gel and big DNA molecules can thus be separated