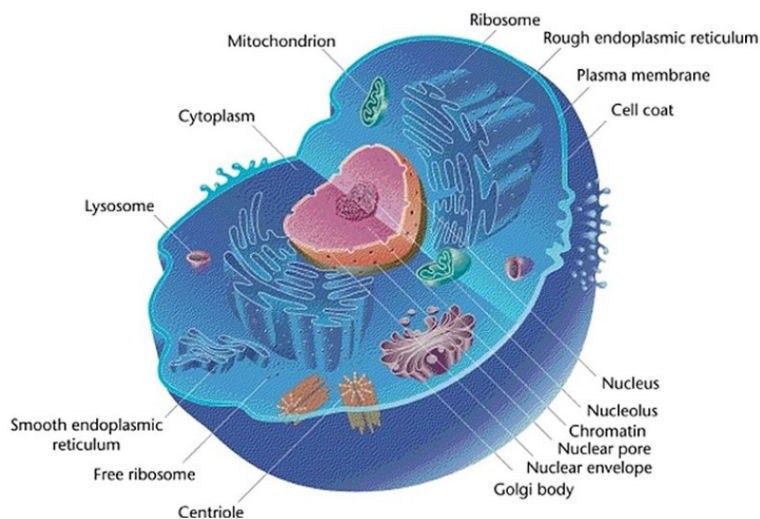


Tools for the Cell Biologist (Life Scientist) - The Refractometer

The use of density gradients is a common method used for the isolation and purification of certain cell types such as dendrites or monocytes. It is also a heavily utilized technique for the isolation and purification of DNA and RNA viruses and organelles such as nuclei, exosomes, endosomes and mitochondria as well as other macromolecules. A refractive index detector is used to measure the concentration of a density gradient or cell storage media.



Model DR6000 Series Digital Refractometer



Model DR301-95 Digital Handheld Refractometer and Model HRS Manual hand-held Refractometer (salinity testing)



Applications in Cell Biology for Refractometers

- Monitor the concentration of the density gradient during fractionation of subcellular components
- Ideal for monitoring sucrose, Cesium chloride and Iodixanol (OptiPrep™) gradient medium
- Test the salinity of dialysates when preparing exosomes for storage— maintain their integrity during storage
- Test the concentration of sucrose stocks

Contact Us Today For More Information!