Research & Services | BIACORE 3000 Unit (Yissum)

code: 34-2007-1748

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Categories	Biacore 3000, biomolecular reactions, measurement of kinetic parameters

Objective/function

- Biacore is an instrument that monitors biomolecular reactions in real time, using relative low concentrations and volumes and without having to label the interacting components

Research provided

- Following interactions between proteins, nucleic acids, small molecules, vesicles, and whole cells
- Measurement of kinetic parameters (Kon and Koff), affinity and concentrations using a detection technique based on a sensor chip surface and a unique microfluidic system
- Use or purchase of equipment and materials such as chromatography columns, accessories, resins, expression vectors, bacterial strains and reagents at cost
- Over-expression and the purification of proteins can be done entirely by the unit's personnel in special cases (cost to be evaluated in each case). These services are provided by other units in the institute. For protein purification, please contact Dr. Mario Lebendiker, +972-2-658-5735 or +972-2-658-6920. For protein over-expression, please contact Dr. Tsafi Danieli, +972-2-658-5736

Advantages

- Research is provided by a highly skilled, experienced researchers utilizing state-of-the-art equipment and technologies

Available equipment

- Biacore 3000 instrument

Staff

- Hagit Zer, PhD

Contact

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Contact for more information:

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