



FOR IMMEDIATE RELEASE

Silicon Kinetics Announces New Biosensor Chips With Wide Palette of Surface Chemistries

The world's first 3D biosensor surface for label-free biomolecular interaction analysis now offers surface chemistries for: carboxyl, streptavidin, benzaldehyde, NTA-Ni for His-tagged proteins, Protein A and Protein G for coupling antibodies

San Diego, California, February 8, 2010 -- Silicon Kinetics, Inc., the pioneering life sciences tool company which introduced the world's first 3D biosensor surface for label-free biomolecular interaction analysis, announced the availability of three new surface chemistries: NTA-Ni, Protein A and Protein G.

Featuring biosensors with 3D nanoporous silicon chips, Silicon Kinetics SKi Pro™ is the world's only label-free biomolecular interaction analysis platform which allows high throughput ranking in multiwell plates and data-rich kinetic measurements in flow cells, all using the same reader instrument and the same surface chemistry. Available surface chemistries now include: carboxyl, streptavidin, benzaldehyde (a unique covalent surface which requires no activation step) and the newly introduced NTA-Ni for His-tagged proteins, Protein A and Protein G for coupling antibodies.

Using silicon biochips coated with its carboxyl chemistry, Silicon Kinetics recently announced measuring very slow off-rates in tight-binding molecules, down to 10⁻⁶ sec⁻¹, performance not feasible on biochips read by traditional SPR instruments.

About Silicon Kinetics

Silicon Kinetics, Inc. is a privately-held life sciences tools company headquartered in San Diego, California. The Company specializes in instruments for optical interferometry in nano-porous silicon biochips. The SKi Pro™ instrument platform and the 3D SKi Sensor™ biochips are used to detect protein-protein, protein-drug, or protein-DNA interactions in real-time and quantify binding kinetics, dissociation rates, or biomolecular affinity rankings, required for the study of disease pathways and the development and manufacturing of therapeutics. More information can be found at <http://www.siliconkinetics.com>

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