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GE launches compact protein purification system

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Singapore: GE Healthcare has launched easy-to-use preparative system, Ã?Æ?Ã¢â?¬Å¾¼KTA start, for laboratory-scale protein purification. Ready-to-go straight from the box, Ã?Æ?Ã¢â?¬Å¾¼KTA start is a compact, affordable protein purification system.

Ã?Æ?Ã¢â?¬Å¾¼KTA start represents a quick and reliable solution that removes the hassles of manual approaches and provides automated control of the purification procedure. It is designed as a stand-alone system that combines a front-facing flow path with a user-friendly interface. The system is controlled via an intuitive touchscreen, which displays the UV curve and other run data in real-time.

Ã?Æ?Ã¢â?¬Å¾¼KTA start allows the implementation of all common purification techniques, like affinity, ion exchange, desalting and buffer exchange, as well as gel filtration. The system therefore supports purification of tagged proteins, antibodies, untagged or native proteins and sample clean-up. Ã?Æ?Ã¢â?¬Å¾¼KTA start can be run using predefined quick-start protocols, the built-in templates or by creating custom protocols. Application-focused prepacked columns are offered for common applications.

Ã?Æ?Ã¢â?¬Å¾¼KTA start can be complemented with the Frac30 fraction collector for automatic protein collection, and the user-friendly UNICORN start control software, which provides additional evaluation tools and the possibility of controlling Ã?Æ?Ã¢â?¬Å¾¼KTA start from a computer.