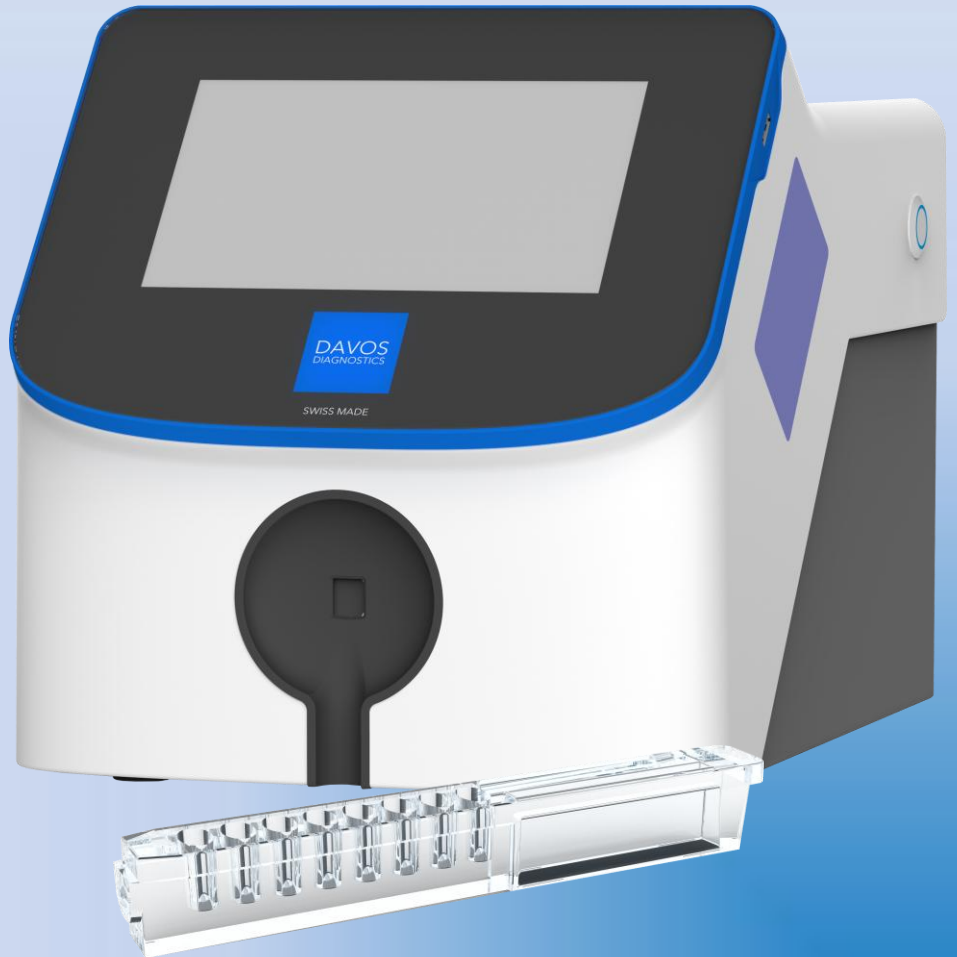


DAVOS
DIAGNOSTICS



Davos Diagnostics – a rapid diagnostics platform for point-of-care tests

The innovative EVA-technology allows to realize affordable and easy-to-use diagnostic test systems that are 10 times faster, require significantly less manipulation steps and yields sensitive and specific results when compared with state-of-the art ELISA (Enzyme Linked Immunosorbent Assay) tests.

Davos Diagnostics AG was founded in July 2011 to develop, produce and market its proprietary EVA-system, an innovative, rapid, medical diagnostic test system for the point-of-care market. Initially collecting first experience in the non-regulated R&D market, the company provides commercial validation in the field of hematology with tests for typing of blood platelets, before expanding its product portfolio with further *in-vitro* diagnostic -IVD- tests for clinical diagnostics where the time-to-result is crucial.

Medical Need. Diagnosing diseases and monitoring health is outpacing any other medical trend and will become a dominant activity of physicians in the near future, especially with the upcoming trend towards personalized medicine. Physicians demand on-site diagnostic tools that are able to deliver results during the patient visit in order to initiate therapeutic measures directly. This will change diagnostic procedures, logistics and the set-up of the future diagnostic tools. Davos Diagnostics is able to address this demand with the EVA-reader and the EVA-assays. The EVA-reader is small and robust, while the disposable EVA-chip allows for measuring nearly every parameter that can be targeted by a specific molecular interaction. As a proof-of-concept of the EVA-system, Davos Diagnostics decided to enter first a niche market with a high medical

need and then will apply the EVA-system in additional time-critical medical applications.

EVA-Technology. All products are based on the EVA-Technology that makes use of the optical phenomenon of evanescent fields for selectively exciting bound fluorophors and measuring the biochemical binding reaction in real-time. This allows to realize affordable and easy-to-use *diagnostic tests* that are 10 times faster, require less manipulation steps than conventional ELISA-tests – with equal sensitivity and specificity. Each EVA biosensor system consists of an instrument, the EVA-Reader with customized software and a disposable measurement device, the EVA- test. The one-way EVA-chip is pre-loaded with all necessary reagents to perform a measurement. The user dispenses a few microlitre of a patient sample, neat plasma or serum, in the wells, inserts the test in the reader and the read-out starts. No further manipulations are required and results are displayed on the instrument screen after ten minutes.

Davos Diagnostics AG
Clavadelerstrasse 1
7270 Davos
Switzerland
Phone: +41 81 413 50 40
Fax: +41 81 413 50 44
info@davosdiagnostics.com
www.davosdiagnostics.com

