

There's a new and smart way of analysing enzymes in your breeding campaigns

One of the main purposes of making high quality barley and wheat variants is to help the farmers improve yields and fight off drought and diseases. This ensures that crops of the finest quality can undergo brewing and distilling to create products that people tell stories about

THE MANY & THE ONE

Breeders screen thousands of variants to identify the best. GlycoSpot can help by making enzyme screening elegant, fast and easy



GlycoSpot's Solutions for BREEDERS

PRODUKT	PLATFORM	DESCRIPTION
MINI-LAB	Single	Fully equipped laboratory in tech case suitable for single cuvette measurements with the unique portable SIRIUS reader
	Multi	As above but with CRUX portable MTP reader for HTP-analysis
DP-Test	Single	Single cuvette test kits for diastatic power in malted or unmalted barley & wheat
	Multi	As above but prepared for MTP
Alpha-Test	Single	Single cuvette test kits for α -amylases in malted or unmalted barley & wheat
	Multi	As above but prepared for MTP

THE GLYCOSPOT MULTI-PLATFORM CONSISTS OF

THREE ELEMENTS

01 THE TEST KIT

GlycoSpot's Barley Screen is a simple test kit based on GlycoSpot proprietary assay technology. This allows you to easily determine alpha amylase and Diastatic Power activity at high accuracy.



02 THE PLATE READER

GlycoSpot provide you with a MINI-LAB Tech-Case including a small-sized compact microplate reader called CRUX. Portable Plug & Play. Use plate reader at OD 405-410 nm.

03 THE DATABASE

Use plate reader software to build plate setup and collect data.

Export results (e.g., csv/pdf-format) for data crunching in relevant software using the standard curve of residual activity.

