



## Brewing Industry Test Kits



Analyte	Cat. No.	Analyte Significance	Advantages of Megazyme Test Kits
$\alpha$ -Amylase	K-CERA	A key indicator of malt quality	Novel assay employing a defined oligosaccharide substrate. High sensitivity and specificity. AOAC Method 2002.01; AACC Method 22-02.01; ICC Standard Method no. 303; RACI Standard Method; CCFRA Flour Testing Working Group Method 0018
$\beta$ -Amylase	K-BETA3	A key indicator of malt quality	Only kit available. Stable reagents; RACI Standard Method
$\beta$ -Glucan (Barley and oats)	K-BGLU	Major cell-wall polysaccharide of barley and oats	Rapid reaction, stable reagents, only enzymatic kit available. AOAC Method 995.16; AACC Method 32-23.01; EBC Methods 3.11.1, 4.16.1 and 8.11.1; ICC Standard Method No. 166; RACI Standard Method
$\beta$ -Glucanase	K-MBGL	$\beta$ -Glucanase level in malt	Rapid reaction, stable reagents, only enzymatic kit available; RACI Standard Method
D-Glucose	K-GLUC K-GLUHKR/L	Major component of fermentation mixture	Rapid reaction, stable reagents
Malt Amylase	K-MALTA	Measurement of $\alpha$ -/ $\beta$ -amylase. Key indicators of malt quality	Combination of both K-CERA and K-BETA3
Total Starch	K-TSTA K-TSTAHK	Starch content of grain and feed	Rapid assay formats with options of measuring D-glucose with GOPOD reagent or with hexokinase / G-6-PDH. Stable reagents. AOAC Method 996.11; AACC Method 76-13.01; ICC Method No. 168; RACI Standard Method
Alpha-Amylase	T-AMZBG200	Allows measurement of $\alpha$ -amylase in pre-harvest sprouted barley	Novel procedure. Rapid reaction, stable reagent
$\beta$ -Glucanase	T-BGZ200	Key enzyme in hydrolysis of malt $\beta$ -glucans	Novel substrate. Rapid reaction, stable reagent; RACI Standard Method
Limit-Dextrinase	T-LDZ200	Key enzyme in hydrolysis of 1,6-linkages in starch and branched malto-dextrins	Novel substrate. Rapid reaction, stable reagent; RACI Standard Method
endo- $\beta$ -Xylanase	T-XAX200	Key enzyme in hydrolysis of malt xylans	Novel substrate. Rapid reaction, stable reagent

