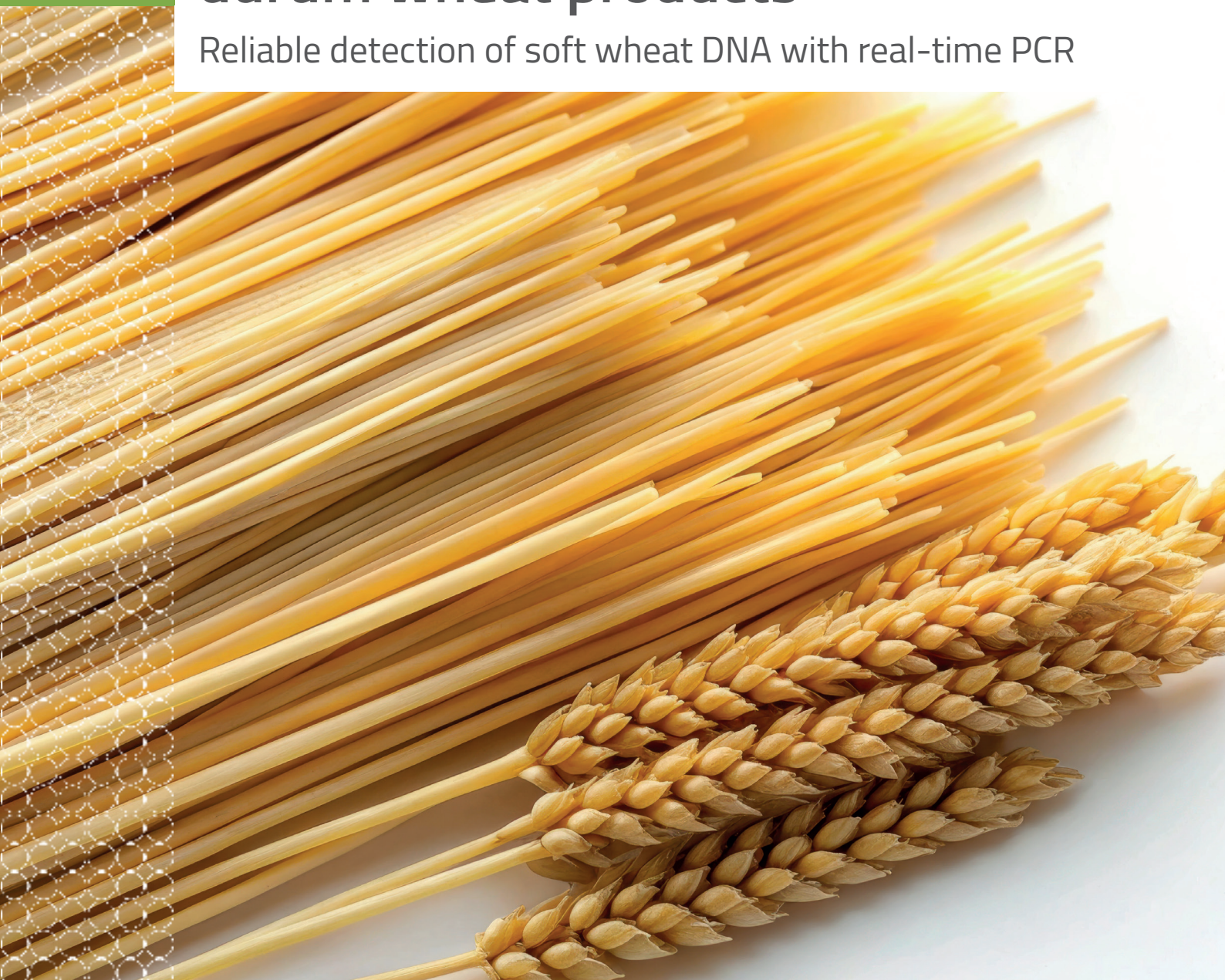


# Ensure purity in durum wheat products

Reliable detection of soft wheat DNA with real-time PCR



**Specific detection:**  
Targets soft wheat (*Triticum aestivum*)



**Dual system:**  
Includes reference gene (*Triticum* spp.)



**Quantitative control:**  
Positive control corresponds to 3 % soft wheat

More information:



<https://r-bio/wheat>

# SureFood® QUANT SOFT WHEAT

## Applications

In the food industry, especially in pasta production, maintaining the purity of durum wheat is essential for quality assurance and regulatory compliance. Our real-time PCR kit offers a precise and sensitive method to detect soft wheat (*Triticum aestivum*) DNA in durum wheat products.

## EU regulation (EC) No 1222/94

Pasta is defined as impure when the common wheat (*Triticum aestivum*) level exceeds 3 %.

### SureFood QUANT SOFT WHEAT (Art. No. S7010)



## Key features



### High specificity:

The kit uses two PCR systems: One targets a gene specific to soft wheat (*Triticum aestivum*). The other targets a general wheat gene (*Triticum spp.*) as a reference.



### Quantitative analysis:

The included Positive Control corresponds with a 3 % soft wheat contamination, enabling threshold setting.



### Validated for pasta samples:

Optimized for processed food matrices such as pasta, ensuring robust performance even in complex samples.

## Applications

- Quality control in pasta manufacturing
- Raw material verification for durum wheat suppliers
- Compliance with food labeling regulations
- Contract laboratories offering authenticity testing

## Product overview

Product	Description	No. of tests/amount	Art. No.
<b>DNA preparation</b>			
SureFood® PREP Basic	DNA preparation of food and feed	100 preparations	S1052
SureFood® PREP Advanced	DNA preparation of highly processed food and feed	50 preparations	S1053
SureFast® Mag PREP Food	Automated DNA extraction of food and feed	96 preparations	F1060
SureFood® QUANT SOFT WHEAT	The kit contains two PCR systems, one for detection of a wheat-specific gene ( <i>Triticum aestivum</i> ) and one for the detection of a wheat gene ( <i>Triticum spp.</i> , reference gene)	2 x 50 reactions	S7010