



## Specio 00.2 Yeast & Molds SPID

Real-time PCR kit in ready-to-use format for the qualitative detection and identification of over 50 deteriorative fungi and yeasts.

### INTENDED USE

Qualitative detection of spoilage fungi and yeasts in samples of carbonated and non-carbonated beverages, juices, foods, and environmental samples post-sanitization. Intended for use in microbiological laboratories of low and high complexity.

### MAIN INDUSTRIES



Food safety  
laboratories



Microbiology  
laboratories



Environmental

### PRINCIPLE

Specio 00.2 Yeast & Molds SPID is a real-time PCR Kit for detecting spoilage yeasts and molds in DNA recovered from enriched samples. Yeasts and molds are detected by real-time multiplex PCR followed by melting curve analysis and automatic interpretation of results.

**TABLE 1. TECHNICAL SPECIFICATIONS**

Microorganisms	Spoilage Yeasts and Molds
Validated matrices	Carbonated Water, Chocolate Milk, Coca-Cola, Cream, Fortified Milk (calcium 130 mg/100 mL), Fruit Purée, Juice Orange, Ketchup, Mustard, Natural Milk, Non-Carbonated Water, Skim Milk, Sprite, Sweet Relish.
Time	Enrichment: 48 hours PCR: 2.5 hours
Technology	Real-time PCR and melting curve analysis
Detection chemistry	Intercalant fluorophores (FAM Channel)

### KIT CONTENT

- 12 preloaded PCR strips
- 1 tube positive control TAAG SP22 – 100 µL
- 1 tube negative control - 352 µL

### STORAGE

- Store between -25°C to -15
- Shelf life: 9 months
- Protect from direct light exposure

### AWARDS AND CERTIFICATIONS

- Manufactured under an ISO 13485:2016 certified quality management system

### VALIDATED MICROORGANISMS

*Alternaria alternata*, *Aspergillus fischeri*, *Aspergillus flavipes*, *Aspergillus fumigatus*, *Aspergillus niger*, *Aspergillus versicolor*, *Barnettozyma californica*, *Brettanomyces anomalus*, *Brettanomyces bruxellensis*, *Brettanomyces naardenensis*, *Byssochlamys fulva*, *Byssochlamys nivea*, *Byssochlamys spectabilis*, *Candida boidinii*, *Candida heliconiae*, *Candida krusei*, *Candida lactis-condensi*, *Candida magnoliae*, *Candida orthopsilosis*, *Candida parapsilosis*, *Candida sojae*, *Candida temnochilae*, *Cladosporium cladosporioides*, *Fusarium oxysporum*, *Fusarium solani*, *Geotrichum candidum*, *Kluyveromyces marxianus*,

*Lachancea dasiensis, Lodderomyces elongisporus, Penicillium chrysogenum, Penicillium citrinum, Penicillium glabrum, Penicillium paxilli, Pichia kudriavzevii, Pichia manshurica, Purpureocillium lilacinum, Rhodotorula glutinis, Rhodotorula mucilaginosa, Saccharomyces cerevisiae, Schizosaccharomyces pombe, Scopulariopsis brevicaulis, Talaromyces macrosporus, Talaromyces minioluteus, Talaromyces purpureogenus, Talaromyces rugulosus, Talaromyces trachyspermus, Trichoderma atroviride, Verticillium leptobactrum, Wickerhamomyces anomalus, Zygosaccharomyces bailii, Zygosaccharomyces bisporus, Zygosaccharomyces lentus, Zygosaccharomyces parabailii, Zygosaccharomyces rouxii.*

### ORDER INFORMATION

Catalog #	Product	Size
V-SF15	Specio 00.2 Yeast & Molds SPID	12 PCR strips 100 µL - 96 reactions

### ORDER INFORMATION - ADDITIONAL SUPPLIES

Catalog #	Product	Size	Description
V-FL12	Augmentis 21 Yeast & Molds RTU	20 bottles with beads - 9 mL	Ready-to-use enrichment media for growing yeasts and molds from food samples
V-FP01	Augmentis 21 Yeast & Molds	1 Jar - 500 g	Dehydrated enrichment media for growing yeasts and molds from food samples
V-EQ18	Nucleia 3 Clean-Q	5 bottles - 10 mL resuspension solution 96 tubes - Tube A 96 tubes - Tube B	Fungi and mold DNA extraction kit

This product is subject to TAAG Technologies' Terms and Conditions, which you can find at <http://www.taag-genetics.com/terms>

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