



DNA_{allergen2} Real-Time PCR Kits

Empowering Precise Allergen Detection and Quantification

To comply with regulations, food manufacturers must label their products with all ingredients that may cause allergic reactions. Molecular biology tools, specifically **RT-PCR, is a widely used method to detect and quantify these allergenic ingredients. RT-PCR offers the advantages of extremely high sensitivity and specificity**, especially on samples, where the gold standard technology ELISA reaches its limitations e. g. highly processed matrices. This makes RT-PCR an excellent complementary tool to immunological techniques such as ELISA.

The **DNA_{allergen2} RT-PCR kits, provided by Gold Standard Diagnostics, empower food laboratories with enhanced precision and robust results** for allergen detection in food safety testing. The extensive range of the DNA_{allergen2} RT-PCR kits allows for reliable detection and precise quantification of specific allergenic sources, with no cross-reactivity to closely related species.

Designed to deliver a comprehensive solution with cutting-edge technical features, including innovative enhancements that simplify the user experience



Excellent Performance

- High sensitivity with LOD ≤ 0.4 ppm
- No cross-reactivity with closely related species
- Detection of wide variety of species within allergen groups
- Reliable test results in 2 hours



Robust Support

- Easy access to technical documents and Support team
- Eliminates risk of cross-contamination with PCR-fragments
- Inclusion of IPC (Internal Positive Control) to detect potential present inhibitors



Enhanced Usability

- Qualitative & Quantitative real-time PCR results
- Harmonized real-time PCR profile: one protocol for all kits
- Ready-to-use components for reduced handling
- Avoids scrapping due to 50-reaction kit format



Highly Compatible

- Platform-open, validated on different PCR cyclers
- Evaluation sheet for complete result interpretation
- Validated with manual and automated DNA extraction kits



DNAllergen2 Real-Time PCR Kits

Product name	Article No.	Product name	Article No.	Product name	Article No.
HU0030225	DNAllergen2 Almond	HU0030221	DNAllergen2 Fish	HU0030224	DNAllergen2 Peanut
HU0030234	DNAllergen2 Brazil nut	HU0030228	DNAllergen2 Hazelnut	HU0030233	DNAllergen2 Pecan nut
HU0030229	DNAllergen2 Cashew	HU0030218	DNAllergen2 Lupine	HU0030226	DNAllergen2 Pistachio
HU0030216	DNAllergen2 Celery	HU0030235	DNAllergen2 Macadamia nut	HU0030219	DNAllergen2 Sesame
HU0030278	DNAllergen2 Cereals	HU0030223	DNAllergen2 Molluscs	HU0030217	DNAllergen2 Soy
HU0030222	DNAllergen2 Crustacea	HU0030215	DNAllergen2 Mustard	HU0030227	DNAllergen2 Walnut

Validated with DNA Extraction Kits



GENESpin, Kit for 50 DNA extractions

5224400605

Designed for the isolation of genomic DNA from food and feed samples of plant and animal origin.



iMAGo Food, Test Kit, 96 reactions

5524421001

Test kit for automated, magnetic-bead based isolation of high-quality DNA from food and feed samples.

Comprehensive Allergen Testing Solutions



SENSISpec Allergen ELISA test kits



DNAllergen2 Real-Time PCR kits



SENSIStrip Lateral Flow allergen rapid tests



Automation solution for ELISA and PCR

Explore portfolio and download product documents at www.goldstandarddiagnostics.com