BioVendor Group NGS

# fastGEN Food Intolerance Kit

## Reveal lactose, fructose, and histamine intolerance with NGS – all in one test

Our innovative amplicon-based NGS technology, fastGEN, provides highly sensitive and specific analysis of genetic predispositions for three food intolerances: lactose, histamine, and fructose. This process uses single-step PCR with specially labeled hybrid primers, ensuring a fast and easy-to-handle workflow with minimal error rates.

This advanced approach enables healthcare professionals to better identify intolerance risks, including the ability to test for three intolerances at once, significantly saving time and money. This allows for more targeted dietary interventions, greatly improving patients‘ quality of life.


## 4 reasons why fastGEN worths attention

### Higher accuracy and sensitivity

NGS can identify a broader range of mutations with greater precision than standard PCR, which is crucial for complex intolerances.

### Comprehensive data

Results provide an in-depth genetic overview.

### Multiplexing

fastGEN analyzes multiple intolerances in one test, saving both time and costs for laboratories.

### Automation and efficiency

fastGEN technology minimizes manual steps, reducing error rates and increasing efficiency.

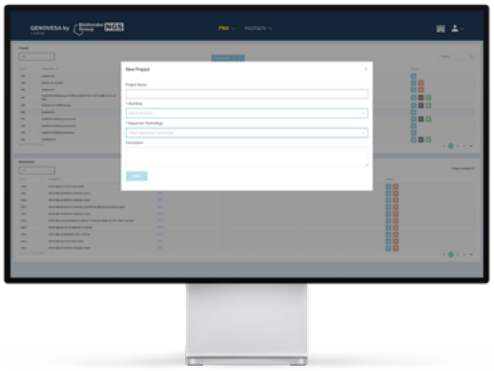
# Genetic variants included in our kit

| | Lactose intolerance | Histamine intolerance | Fructose intolerance |
|---|---|---|---|
| **Gene** | *MCM6* | *AOC1* | *ALDOB* |
| **SNPs** | rs4988235 | rs10156191 | rs118204429 |
| | rs182549 | rs1049742 | rs387906225 |
| | | rs2268999 | rs1800546 |
| | | rs1049793 | rs76917243 |
| | | rs2052129 | rs78340951 |
| | | | rs77718928 |
| | | | rs370793608 |
| | | | rs764826805 |

**Discover fastGEN Food Intolerance Kit on our website.**

# fastGEN modul in GENOVESA software for your service

- Comprehensive variant detection workflows (CNV, MSI, TMB, HRD)
- Automated bioinformatics pipelines from FASTQ to clinical report
- Advanced QC metrics
- Integrated somatic and germline workflows for oncology and inherited disease panels
- Customizable analysis settings for amplicons, panels, CES, WES, WGS
- Built-in annotation databases (clinical, population, oncological)
- Easy variant filtration and prioritization
- Local clinical variants database with internal knowledge accumulation



# Contact us

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