

GENE-UP® PATHOGENIC E. COLI

From Insight To Action: EHEC Intelligence You Can Trust



Your Trusted Partner in Augmented Diagnostics

PIONEERING DIAGNOSTICS

ENHANCE YOUR OPERATION AND SUPPLY CHAIN WITH GENE-UP® PATHOGENIC E. COLI (PEC)

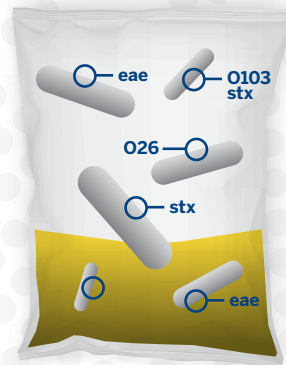
GENE-UP® PEC brings accurate, reliable, and easy-to-use detection of high-risk *E. coli* strains, including O157:H7. GENE-UP® PEC reduces current testing ambiguity, accelerates decision-making, and limits product diversion. That means fewer delays, fewer disruptions, and greater assurance for your supply chain.

THE POWER OF CO-LOCATION

GENE-UP® PEC targets genetic markers that indicate *stx* and *eae* are co-located in the **same** cell. When *eae* and *stx* are in the same cell, you will receive a positive result.

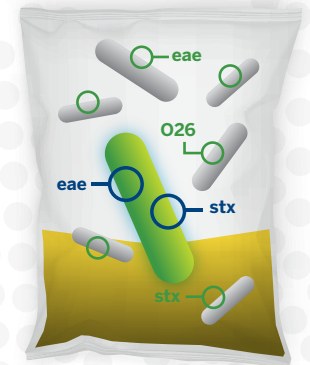
Because of its high specificity and strong correlation with genomic co-location of *stx* and *eae* genes, **GENE-UP® PEC negative samples can be considered negative for typical EHEC.**

GENE-UP® PEC NEGATIVE



NEGATIVE FOR EHEC TARGET
STX + EAE CO-LOCATION¹

GENE-UP® PEC POSITIVE



TRUE POSITIVE
ENHANCE OPERATIONAL DECISIONS

GENE-UP® PEC IMPACT

Replace Complexity with Clarity to Detect What Matters

- **ACCURATE:** Reduce non-confirmed positives up to 60%²
- **PROFITABLE:** Release product faster
- **SAFE:** Detect what matters and avoid costly recalls
- **RAPID:** One hour to a confident decision³
- **SIMPLE:** Avoid unnecessary and laborious confirmations
- **SUSTAINABLE:** Stay ahead of evolving regulatory expectations
- **RELIABLE:** Proven science through collaborative innovation
- **SUPPORT:** Full access to bioMérieux scientific expertise



**LEARN MORE ABOUT
GENE-UP® PEC**

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OF EHEC SOLUTIONS**

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ORDERING INFORMATION
GENE-UP® PEC

424143 | 192 Assays

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1. GENE-UP® PEC targets the co-location of *stx* and *eae* genetic markers within the same bacterial cell. A positive result indicates the presence of bacteria carrying both targets. A negative result indicates that the assay did not detect both targets.
2. USDA-ARS data when compared to current PCR technologies: <https://www.mdpi.com/2304-8158/14/3/382>
3. GENE-UP® Instructions For Use