

## HLA-DQ Genotyping Analysis

- I. *HLA-DQA1* and *HLA-DQB1* genotyping analysis to rule out celiac disease (CD) is considered **medically necessary** when:
  - A. The member is being evaluated for celiac disease, **AND**
  - B. The member meets at least one of the following:
    1. Had an inconclusive serology (antibody) result, **OR**
    2. Had an inconclusive histology (biopsy) result, **OR**
    3. Started a gluten-free diet before evaluation for celiac disease, **AND**
  - C. *HLA-DQA1* and *HLA-DQB1* genotyping analysis has not been previously performed.
- II. *HLA-DQA1* and *HLA-DQB1* genotyping analysis to rule out celiac disease is considered **investigational** for all other indications.

## REFERENCES

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2. Husby S, Murray JA, Katzka DA. AGA Clinical Practice Update on Diagnosis and Monitoring of Celiac Disease-Changing Utility of Serology and Histologic Measures: Expert Review. *Gastroenterology*. 2019 Mar;156(4):885-889. doi: 10.1053/j.gastro.2018.12.010. Epub 2018 Dec 19. PMID: 30578783; PMCID: PMC6409202.

3. US Preventive Services Task Force, Bibbins-Domingo K, Grossman DC, et al. Screening for Celiac Disease: US Preventive Services Task Force Recommendation Statement. JAMA. 2017;317(12):1252-1257. doi:10.1001/jama.2017.1462