Monogenic Diabetes (Including Maturity Onset Diabetes of the Young (MODY)) Panels

- I. Multigene panel analysis to establish or confirm a diagnosis of monogenic diabetes (including maturity-onset diabetes of the young (MODY)) is considered **medically necessary** when:
 - A. The member has a diagnosis of diabetes within the first 12 months of life, **OR**
 - B. The member has a diagnosis of diabetes before 30 years of age, AND
 - 1. The member has at least one of the following:
 - a) Autoantibody negative, OR
 - b) Retained C-peptide levels, OR
 - C. The member has a diagnosis of diabetes not characteristic of type 1 or type 2 diabetes, **AND**
 - 1. The member has a family history of diabetes consistent with an autosomal dominant pattern of inheritance.
- II. Multigene panel analysis to establish or confirm a diagnosis of monogenic diabetes (maturity-onset diabetes of the young (MODY)) is considered **investigational** for all other indications.

DEFINITIONS

1. Autosomal dominant pattern of inheritance refers to a type of transmission of a genetic condition in which only one mutated copy of a gene (rather than two) is



©2025 Concert Proprietary necessary for an individual to manifest the disease. These conditions are generally characterized by the following traits:

- a. There are individuals with the condition in multiple generations of a family
- b. Individuals who do not have the condition do not have children with the condition
- c. Individuals with the condition have a parent with the condition

REFERENCES

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