

# Genetic Disorder Prediction Report

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Patient Age: 5

Gender: Female

Predicted Disorder: Genetic Disorder

Subclass: Diabetes

Date: 26-12-2025

## Description:

### ### Overview

Diabetes is a condition that affects how your body processes sugar (glucose), which is a major source of

### ### Causes

The exact cause of diabetes can vary depending on the type:

- **Type 1 Diabetes**: This is often thought to be an autoimmune condition where the body mistakenly attacks
- **Type 2 Diabetes**: This type is more commonly linked to lifestyle factors such as being overweight, la

### ### Symptoms

Common symptoms of diabetes include:

- Increased thirst and frequent urination
- Extreme hunger
- Fatigue
- Blurred vision
- Slow-healing sores or frequent infections
- Unexplained weight loss (more common in Type 1)

### ### Diagnosis

Diabetes is diagnosed through blood tests that measure your blood sugar levels. Common tests include:

- **Fasting Blood Sugar Test**: Measures blood sugar after an overnight fast.
- **Oral Glucose Tolerance Test**: Measures blood sugar before and after drinking a sugary solution.
- **A1C Test**: Shows your average blood sugar levels over the past 2 to 3 months.

### ### Treatment

Treatment for diabetes focuses on managing blood sugar levels and can include:

- **Lifestyle Changes**: Eating a balanced diet, exercising regularly, and maintaining a healthy weight.
- **Medications**: For Type 1 diabetes, insulin therapy is essential. For Type 2 diabetes, medications may
- **Monitoring**: Regularly checking your blood sugar levels to ensure they stay within a target range.

### ### Follow-up Advice

- **Regular Check-ups**: Schedule regular appointments with your healthcare provider to monitor your co
- **Healthy Lifestyle**: Continue to focus on a balanced diet and regular physical activity, as these can gr