

HLA: Positive

What are *HLAs*?

HLAs are a set of genes that provide instructions for producing HLA proteins, which are essential to the immune system, allowing the body to distinguish between its own cells and potential threats. This recognition process helps the immune system protect the body from infections and other harmful invaders.

HLA status: *HLA*-positive

What it means

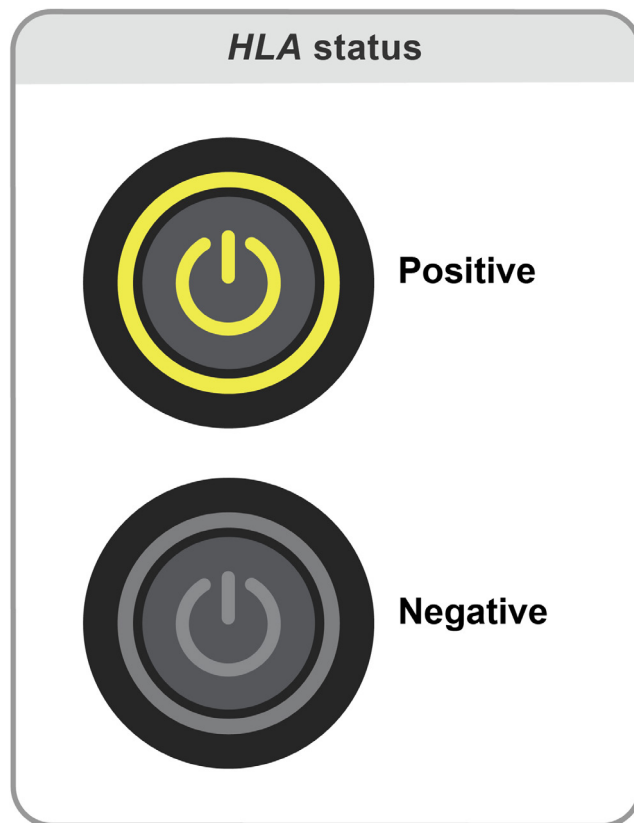
These pharmacogenetic results predicted that the immune system **may mistakenly identify certain medications as threats** to the body.

Why it matters

Some medications may cause a **strong immune response**.

What happens next

The health-care team may recommend **switching to a different medication** to ensure safe and effective treatment.



This status is not an indicator of health. The health-care team will still consider medical history and other factors to ensure the best treatment.

Example medications affected by *HLAs*

- **Abacavir**, a medication that treats human immunodeficiency virus (HIV)
- **Allopurinol**, a medication that reduces acid in the urine to treat gout
- Anticonvulsants – medications that help prevent seizures (e.g., **carbamazepine**, **fosphenytoin/phenytoin**, **oxcarbazepine**)

The medications listed above are referred to by their generic names. You may hear the medication called by a different brand name.