

[Open Peer Review on Qeios](#)

# Pre-mixed insulin

National Diabetes Information Clearinghouse (NDIC)

## Definitions

### NPH insulin

Defined by National Diabetes Information Clearinghouse (NDIC)

### Regular insulin

Defined by National Diabetes Information Clearinghouse (NDIC)

### Insulin

Defined by National Diabetes Information Clearinghouse (NDIC)

### Insulin lispro

Defined by National Diabetes Information Clearinghouse (NDIC)

### Insulin aspart

Defined by National Diabetes Information Clearinghouse (NDIC)

## Source

National Diabetes Information Clearinghouse (U.S.). (2009). *The diabetes dictionary*. [Bethesda, Md.]: U.S. Dept. of Health and Human Services, National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases, National Diabetes Information Clearinghouse.

A commercially produced combination of two different types of [insulin](#). Several types are available:

- Pre-mixed [NPH](#) and [regular insulin](#):
  - 70 percent NPH and 30 percent regular (Brand names: **Humulin 70/30**, **Novolin 70/30**.)
  - 50 percent NPH and 50 percent regular (Brand name: **Humulin 50/50**.)
- Pre-mixed [insulin lispro](#) suspension and insulin lispro:
  - 75 percent insulin lispro protamine and 25 percent insulin lispro (Brand name: **Humalog Mix 75/25**.)
  - 50 percent insulin lispro protamine and 50 percent insulin lispro (Brand name: **Humalog Mix 50/50**.)
- Pre-mixed [insulin aspart](#) protamine suspension and insulin aspart:
  - 70 percent insulin aspart protamine and 30 percent insulin aspart (Brand name: **NovoLog Mix 70/30**.)