

Types of insulin

Human insulins

**Human insulins
with an additive for
prolonged duration**
(NPH* insulin)

Normal insulins

Combination of
**normal insulin
with an additive for
prolonged duration**
(NPH* insulin)

Basal insulins
(long-acting insulins)

Bolus insulins
(short-acting insulins)

Mixed insulin

Insulin analogs

**Long-acting
insulin analogs**
(degludec, detemir, glargine)

**Short-acting
insulin analogs**
(aspart/niacinamide aspart,
glulisine, lispro)

Combination of
**short-acting insulin analog
with an additive for
prolonged duration**
(NPH* insulin)

*NPH = Neutral Protamine Hagedorn