

DuoDote Auto-Injector (Pralidoxime Chloride/Atropine)

CLASS:

- Cholinesterase reactivator

MECHANISM OF ACTION:

- Pralidoxime reactivates cholinesterase (mainly outside the CNS) inactivated by phosphorylation due to toxicity by an organophosphate or related compound. Destruction of accumulated acetylcholine can then proceed, allowing neuromuscular junctions to function normally. It also slows the "aging" of phosphorylated cholinesterase to a non-reactive form, and detoxifies certain organophosphates by direct chemical reaction. The drug's most critical effect is relieving respiratory muscle paralysis.

INDICATIONS:

- Antidote in poisoning due to organophosphate pesticides and chemicals with anticholinesterase activity.

CONTRAINDICATIONS:

- Known hypersensitivity

DRUG INTERACTIONS:

- When atropine and pralidoxime are used together, the signs of atropinization may occur earlier than expected.
- Barbiturates are potentiated.
- It is not recommended in the treatment of carbamate poisonings.

SUPPLIED:

- Each auto-injector delivers 2.1 mg of atropine and 600 mg of pralidoxime chloride

ROUTES OF ADMINISTRATION:

- IM