

VAX-ID[®] Accurate intradermal injection

VAX-ID[®] is a patented and award-winning easy to use **platform of injection devices** suited for accurate injection and drug delivery in the dermis, the skin layer underneath the epidermis or upper layer of the skin. Intradermal injection allows for an improved immune response due to its targeted drug delivery. The unique and game-changing injection system is highly user-friendly.



Benefits

Pharma and biotech

-  Accurate dose delivery
-  Accurate injection
-  Dose sparing potential

Benefits

Healthcare workers

-  Easy to use
-  Prevents needle-stick injuries
-  Activation protection

Benefits

Patients

-  Low in pain
-  No needle phobia
-  User-independent



Device applications

Therapeutic vaccination
e.g. Cancer, Infectious diseases



Prophylactic vaccination
e.g. Rabies, Polio, Hepatitis B



Other skin-injectable substances
e.g. Anti-allergic drugs



BE 1021643, patent granted
NL 2010649, patent granted
PCT/EP2013/057990

US 9931472 B2, patent granted
CN 104684602 B, patent granted
HK 15109359.9, patent granted
JP 2015-506227, patent granted



ACCURATE
DOSE DELIVERY



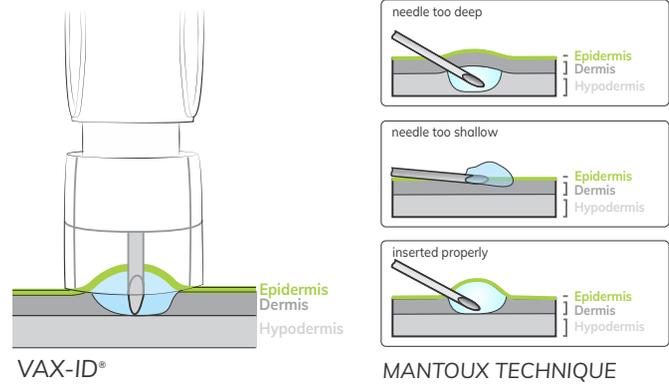
LOW IN
PAIN



EASY
TO USE

Accurate and user-friendly device

The VAX-ID® device provides a solution to the leakage and loss of expensive dose occurring upon use of the Mantoux technique by offering a highly accurate injection in the dermis and dose delivery. The device has a low dead space, so little overfill is required (0.01cc). The standardized user-independent injection furthermore offers a high ease-of-use which also improves executing of clinical trials and even has the potential to opt for self-administration.

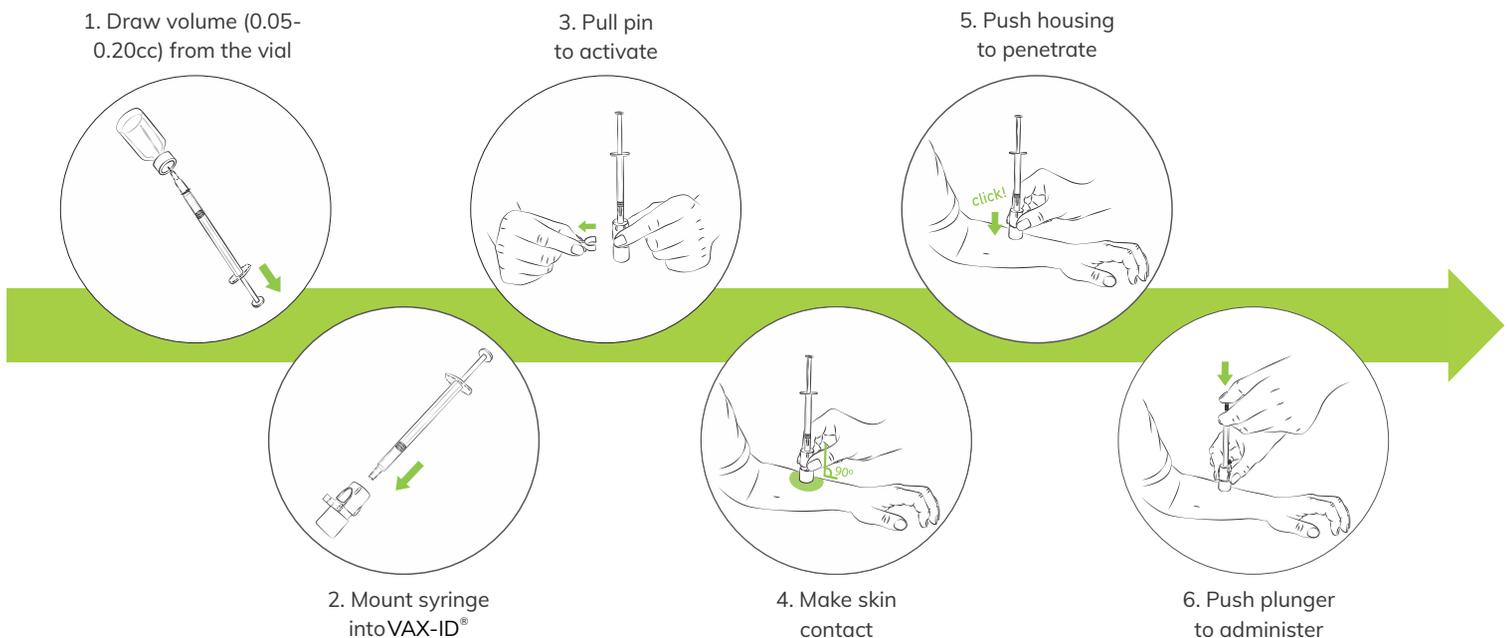


| Needle Gauges | Protruding Length |
|---------------|-------------------|
| 32G | 0.85 mm |
| 27G | 1.20 mm |

Unique device platform

The VAX-ID® platform offers flexibility with a universal (luer) interface for (non-)prefilled syringes and allows to inject up to 0.2cc (compared to only 0.1cc with Mantoux) with low shear stress. Depending on the application and the required injected volume, different needle diameters (Gauges; 32G and 27G) and needle lengths (0.85 and 1.2mm protruding length) can be configured by Idevax.

User instructions



References

- Van Mulder et al. Vaccine 2017: 35
- Van Mulder et al. Human Vaccines and Immunotherapeutics 2014: 10(12)
- Vankerckhoven et al. Expert Opinion on Drug Delivery 2010: 7(9)
- Van Mulder et al. Vaccine 2019: 37

Awards

- Best of PO Award 2012
- BiR&D Award 2013
- James Dyson Award 2014, Belgian winner

dyson