

Accutest IDenta Comparison Chart

Parameter	Accutest IDenta	Leading pouch test kits
Sensitivity	<ul style="list-style-type: none"> • High 	<ul style="list-style-type: none"> • Unknown
Specificity	<ul style="list-style-type: none"> • <u>High specificity</u> • <u>High discrimination</u> between the drug and all the known agents that could give a false positive 	<ul style="list-style-type: none"> • <u>Amount of substance is critical</u>, does not discriminate against all the false positives
Safety	<ul style="list-style-type: none"> • Rigid and secure casing • Maximum protection for the operator when crushing ampoules • The rigid casing will not expand and explode when testing an oxidizing substance • No venting required when testing 	<ul style="list-style-type: none"> • Soft casing – may cause accidental breakage of ampoules • Venting is required while testing • Possible exposure to harmful chemicals • Chemicals can leak by opening (venting) the casing • The pouch may expand and explode when testing oxidizing substance
Ease of use	<ul style="list-style-type: none"> • Easy sampling of <u>trace amounts</u> with integrated sampling device • Samples the exact amount required – just cover the glued surface of the sampler. • Suspected material is directly transferred to reaction chamber • Easy sampling of <u>powder and tablets</u> 	<ul style="list-style-type: none"> • No sampling device • Too much substance may lead to explosion • Must clip plastic bags and tap gently to assure material falls to the bottom of pack • No device suitable to sample tablets
Disposable (neutralization)	<ul style="list-style-type: none"> • Neutralization step is <u>built into</u> the device 	<ul style="list-style-type: none"> • External neutralization process poses danger to the user
General performance	<ul style="list-style-type: none"> • Crushed glass does not flow into the reaction chamber 	<ul style="list-style-type: none"> • Crushed glass in the colored solution
Shelf-life	<ul style="list-style-type: none"> • Minimum 2 years (up to 5 years in some kits) • Can be stored and transported in extreme temperatures 	<ul style="list-style-type: none"> • 1 year

The **Accutest® IDenta** field test kits have been tested and approved by the **Department of Forensic Science Central Laboratory, Richmond VA** (*A Nationally Accredited Laboratory*) for use in accordance with Regulations for the approval of Field tests for the Detection of Drugs and in conjunction with § 19.2-188.1 of the Code of Virginia.