Product Catalogue

For Smell and Taste Test
to test the sense of smell and taste with

Sniffin`Sticks
&
Taste Strips

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Smell and taste tests with Sniffin’ Sticks and Taste Strips

Easy-to-use, reliable olfactory and gustatory tests for odor and taste diagnosis
Each scientifically founded and standardized

The Sniffin’ Sticks Olfactory Test-Kits contain pen-like bodies as, for example, in pens used to write on flipcharts or whiteboards. These pen-like bodies, however, contain a fibre stick which is filled with scents. For testing, simply remove the cap, and the patient can smell on the tip of the pen.

**Screening12 Test**
for the ENT specialist in private practice, neurologist or general practitioner

With the "Screening12 Test" the question whether the patient possesses a normal or decreased olfactory sense can be roughly answered. The set contains optionally four spraying bottles by means of which the four basic gustatory qualities may be also tested, as required. The evaluation is very easily achieved by means of a template matching the evaluation sheet.

**Extended Test**
For the clinic (ENT, neurology, psychiatry, internal medicine, etc)

With the "Extended Test" a detailed examination of the olfactory sense may be performed, e.g. for the preparation of expert’s opinions. The test contains three modules:
Odor threshold test, odor discrimination test and odor identification test.

**Taste Strips**
For the clinic (ENT, neurology, psychiatry, internal medicine, etc) and for the ENT specialist in private practice, neurologist or general practitioner

The taste strips are a validated examination procedure to investigate the taste ability. When testing the whole-mouth taste ability, the taste strips are applied by putting them on the tongue and closing the mouth.
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Screening 12 Test
With the “Screening12 Test” the question whether the patient possesses a normal or decreased olfactory sense can be roughly answered. This smell test was developed for the ENT specialist in private practice, neurologist or general practitioner.

**Standard test with holder, instructions for use and evaluation material**

Screening 12 Test (12 odour pens)  
Item No.: LA-13-00001

**Screening 12 Test with Taste Strips**
With the Taste Strips additionally the four basic taste qualities (sweet, sour, salty, bitter) can be tested.

The Taste Strips are put in the middle of the patients tongue. The mouth is closed and the saliva solve the taste crystals by moving the tongue slightly. The patient has to indicate which of the four qualities he perceived (SWEET-SOUR-SALTY-BITTER) by means of the multiple choice card.

**Standard test with holder, instructions for use and evaluation material**

Screening 12 Test (12 odor pens) with taste strips  
Item No.: LA-13-00344

Refill sets **without holder, instructions for use and evaluation material**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item No.: LA-13-00004</td>
<td>12 odor pens for Screening 12 Test</td>
<td></td>
</tr>
<tr>
<td>Item No.: LA-13-00331</td>
<td>Set of Taste Strips sweet, sour, salty, bitter (25 sets)</td>
<td></td>
</tr>
<tr>
<td>Item No.: LA-13-00339</td>
<td>Holder for Screening 12 (12 holes for pens, 4 holes for taste strips)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Item No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item No.: LA-18-00088</td>
<td>Instructions for use for Screening 12 Test (available in different languages)</td>
<td></td>
</tr>
<tr>
<td>Item No.: LA-18-00077</td>
<td>Evaluation pad for Screening 12 Test (50 sheets)</td>
<td></td>
</tr>
<tr>
<td>Item No.: LA-18-00078</td>
<td>Identification pad for Screening 12 Test (50 sheets)</td>
<td></td>
</tr>
</tbody>
</table>

**Shelf life:** The sticks and containers are labeled with a best before date.
Extended Test (Threshold, Discrimination, Identification)
With the "Extended Test" a detailed examination of the olfactory sense may be performed. This smell test was developed for the clinic (ENT, neurology, psychiatry, internal medicine, etc)

We offer this test in 2 versions:

Standard test with Holder, instructions for use and evaluation material
Threshold n-butanol, Discrimination, Identification 16, blue Item No.: LA-13-00134

Special test with Holder, instructions for use and evaluation material
Threshold 2-phenylethanol, Discrimination, Identification 16, blue Item No.: LA-13-00207

The different subtests of the Extended Test are marked as follows:

<table>
<thead>
<tr>
<th>Name</th>
<th>Font Colour</th>
<th>Colour of Pen’s End</th>
<th>Number of Pens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Threshold Test</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-butanol</td>
<td>Red</td>
<td>Red (Target) Green, Blue (Blanks)</td>
<td>16 triplets = 48 pens</td>
</tr>
<tr>
<td>2-phenylethanol</td>
<td>Black</td>
<td>Red (Target) Green, Blue (Blanks)</td>
<td>16 triplets = 48 pens</td>
</tr>
<tr>
<td>Discrimination Test</td>
<td>Green</td>
<td>Green (Target) Red, Blue (Non-Target)</td>
<td>16 triplets = 48 pens</td>
</tr>
<tr>
<td>Identification Test</td>
<td>Black</td>
<td>Blue</td>
<td>16 pens</td>
</tr>
</tbody>
</table>

Refill sets without Holder, instructions for use and evaluation material
Threshold (n-butanol), Discrimination and Identification Test 16, blue Item No.: LA-13-00005
Threshold (2-phenylethanol), Discrimination and Identification 16, blue Item No.: LA-13-00061

Holder, small, for Identification Test (16 holes) Item No.: LA-13-00328
Holder, large, for Threshold and Discrimination Test (48 holes) Item No.: LA-13-00327
Instructions for use and evaluation material for Extended Test Item No.: LA-18-00007

Shelf life: The sticks are labelled with a best before date.
Duft-Quartett
The “Duft-Quartett” is meant to enhance the sense of smell of patients and normal people. Based on today’s state of knowledge the effect of the “Duft-Quartett” is stimulation of the smell mucosa in the nose as well as enhancement of the sensation in the brain.

The “Duft-Quartett” consists of 4 felt tip pens which are filled with 4 different odors. The qualities are “lemon”, “rose”, “clove” and “eucalyptus”.

Included in delivery: 1 glove of cotton, instruction for use

Shelf life: The sticks are labelled with a best before date
**Taste Strips**
The taste strips are a validated examination procedure to investigate the taste ability. When testing the whole-mouth taste ability, the taste strips are applied by putting them on the tongue and closing the mouth (the patient may move the tongue). If there is interest in the gustatory sensitivity of certain tongue areas (e.g. lateralized testing), the mouth stays open and the strip will only be in contact with this area until the patient can give an answer.

**Taste Strips 50 Sets (for the investigation of 50 patients)**

<table>
<thead>
<tr>
<th>Taste Strips sweet, sour, salty, bitter (50 sets)</th>
<th>Item No.: LA-13-00314</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructions for use and evaluation material for taste strips</td>
<td>Item No.: LA-18-00065</td>
</tr>
</tbody>
</table>

**Shelf life:** The containers are labeled with a best before date.

**Taste Strips 25 sets (for the examination of 25 patients)**

| Taste Strips sweet, sour, salty, bitter (25 sets) | Item No.: LA-13-00331 |

**Shelf life:** The containers are labeled with a best before date.

---

**1 set of taste strips (50) consists of:**
4 concentrations of sweet, sour, salty and bitter each.
4 contains taste strips of each quality and 2 containers with blanks.
A box contains 18 containers with 50 strips each. In sum these are 900 strips.

**1 set of taste strips (25) consists of:**
one container with 25 strips in highest concentration each for sweet, sour, salty and bitter.
Identification Test 16, blue
Here the ability to identify everyday smells is determined.
This smell test was developed for the ENT specialist in private practice, neurologist or general practitioner.
The Identification Test 16, blue consists of 16 odor pens with everyday odors, which have to be identified by the patient by means of a multiple-choice-card with four terms each.

Special test with holder, instructions for use and evaluation material
Identification Test 16, blue (16 odor pens)  
Item No.: LA-13-00135

Refill set without holder, instructions for use and evaluation material
16 odor pens for Identification Test, blue  
Item No.: LA-13-00014
Holder, small, for Identification Test (16 holes)  
Item No.: LA-13-00328
Instructions for use and evaluation material for Identification Test, blue  
Item No.: LA-18-00069

Identification Test Plus 16, purple
The „Identification Test Plus 16“ (purple) contains 16 additional everyday odors. It serves as supplement to the Identification Test 16, blue, to avoid possible “recognition” of the pens when testing repeatedly.

Special test with holder, instructions for use and evaluation material
Identification Test Plus 16, purple (16 odor pens)  
Item No.: LA-13-00307

Refill set without holder, instructions for use and evaluation material
16 odor pens for Identification Test, purple  
Item No.: LA-13-00267
Holder, small, for Identification Test (16 holes)  
Item No.: LA-13-00328
Instructions for use and evaluation material for Identification Test, purple  
Item No.: LA-18-00070

Shelf life: The sticks are labeled with a best before date.
**Threshold Test**
The smell threshold is determined in a so called “staircase procedure”. After a start concentration of the smell is found out, the dilution step is identified at which the smell can just be distinguished from non-smelling pens (blanks).

We offer this test in 2 versions: with n-butanol and with 2-phenylethanol

**Special tests with holder, instructions for use, evaluation material and**

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Color of Pen's End</th>
<th>Number of Pens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Threshold Test n-butanol</td>
<td>Red (Target)</td>
<td>16 triplets = 48 pens</td>
</tr>
<tr>
<td>Threshold Test 2-phenylethanol</td>
<td>Red (Target)</td>
<td>16 triplets = 48 pens</td>
</tr>
</tbody>
</table>

**Refill sets without holder, instructions for use, evaluation material**

- 48 pens=32 blanks and 16 dilutions n-butanol  
  Item No.: LA-13-00010
- 48 pens=32 blanks and 16 dilutions 2-phenylethanol  
  Item No.: LA-13-00016
- Reduced Threshold Test n-butanol (4 blanks, 16 dilutions)  
  Item No.: LA-13-00048
- Reduced Threshold Test 2-phenylethanol (4 blanks, 16 dilutions)  
  Item No.: LA-13-00049
- Holder, large for Threshold- or Discrimination Test (48 holes)  
  Item No.: LA-13-00008
- Instructions for use and evaluation material for Threshold Test  
  Item No.: LA-18-00067

**Discrimination Test**
Discrimination of odors is based on comparison of 3 smell presentations (triplet). To this end, two times the same odor is presented (non-target) and one time a different smelling one (target). The subject’s task is to indicate which one smells different. This comparison is performed for 16 triplets.

**Special test with holder, instructions for use, evaluation material**

- Discrimination Test (48 odor pens=16 triplets)  
  Item No.: LA-13-00138

**Refill set without holder, instructions for use, evaluation material**

- 48 odor pens for Discrimination Test  
  Item No.: LA-13-00012
- Holder, large, for Threshold or Discrimination Test (48 holes)  
  Item No.: LA-13-00327
- Instructions for use and evaluation material for Discrimination Test  
  Item No.: LA-18-00066

**Shelf life:** The sticks are labeled with a best before date.
Accessories

<table>
<thead>
<tr>
<th>Holder, small, for 16 odour pens (Identification Test)</th>
<th>Holder, small, for 12 odour pens and 4 containers taste strips (Screening 12 Test)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item No.: LA.13-00328</td>
<td>Item No.: LA-13-00339</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Holder, large, for 48 odour pens (Threshold or Discrimination Test)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item No.: LA-13-00327</td>
</tr>
</tbody>
</table>

Instructions for Use and Evaluation Material

Instructions for use for Screening 12 Test
Evaluation pad for Screening 12 Test (50 sheets)
Identification pad for Screening 12 Test (50 sheets)

Instructions for use and evaluation material for Extended Test
**Contains:** Threshold, Discrimination and Identification Test, blue

Instructions for use and evaluation material for Identification Test, blue
Instructions for use and evaluation material for Identification Test, purple
Instructions for use and evaluation material for Threshold Test
Instructions for use and evaluation material for Discrimination Test
Instructions for use and evaluation material for Taste Strips

Item No.: LA-18-00069
Item No.: LA-18-00070
Item No.: LA-18-00067
Item No.: LA-18-00066
Item No.: LA-18-00065

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Single Sticks

Sticks unfilled

Sticks filled – the following odours are possible:

- Ananas / Pineapple
- Apfel / Apple
- Banane / Banana
- Birne / Pear
- Blume / Flower
- Cola / Coke
- Erdbeere / Strawberry
- Essig / Vinegar
- Eukalyptus / Eucalyptus
- Fisch / Fish
- Flieder / Lilac
- Geräuchertes / Smoked meat
- Grapefruit / Grapefruit
- Gras / Grass
- Haselnuss / Hazelnut
- Himbeere / Raspberry
- Honig / Honey
- Ingwer / Ginger
- Kaffee / Coffee
- Kakao / Cocoa
- Karamell / Caramel
- Kirsche / Cherry
- Knoblauch / Garlic
- Kokos / Coconut
- Lakritz – Anis / Liquorice
- Lavendel / Lavender
- Leder / Leather
- Melone / Melon
- Menthol / Menthol
- Milch / Milk
- Nelke (Gewürznelke) / Clove
- Orange / Orange
- Pfefferminze / Peppermint
- Pfirsich / Peach
- Pilze / Mushrooms
- Rose / Rose
- Schokolade / Chocolate
- Sesamöl / Sesame oil
- Sojysoße / Soy sauce
- Terpentin / Turpentine
- Vanille / Vanilla
- Zimt / Cinnamon
- Zitrone / Lemon
- Zwiebel / Onion

Labeling of the sticks (if required)

Number of the sticks: 1 to 16
Colour of Numbers: red, green or black
Colour of the end caps: red, green, black or blue