

Product Catalogue

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

Sniffin` Sticks & *Taste Strips*



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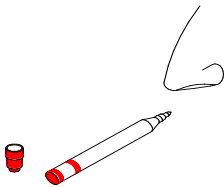
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Smell and taste tests with Sniffin' Sticks and Taste Strips

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.

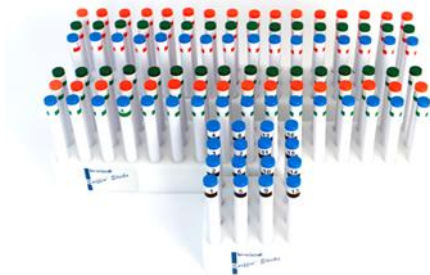


Screening12 Test

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



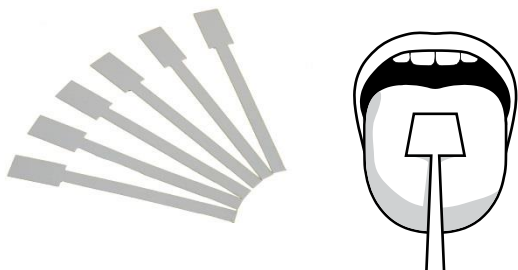
With the "**Screening12 Test**" the question whether the patient possesses a normal or decreased olfactory sense can be roughly answered. The set contains optionally four spraying bottles by means of which the four basic gustatory qualities may be also tested, as required. The evaluation is very easily 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 "Screening 12 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

12 odor pens for Screening 12 Test

Item No.: LA-13-00004

Set of Taste Strips sweet, sour, salty, bitter (25 sets)

Item No.: LA-13-00331

Holder for Screening 12 (12 holes for pens, 4 holes for taste strips)

Item No.: LA-13-00339

Instructions for use for Screening 12 Test

Item No.: LA-18-00088

(available in different languages)

Evaluation pad for Screening 12 Test (50 sheets)

Item No.: LA-18-00077

Identification pad for Screening 12 Test (50 sheets)

Item No.: LA-18-00078

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)

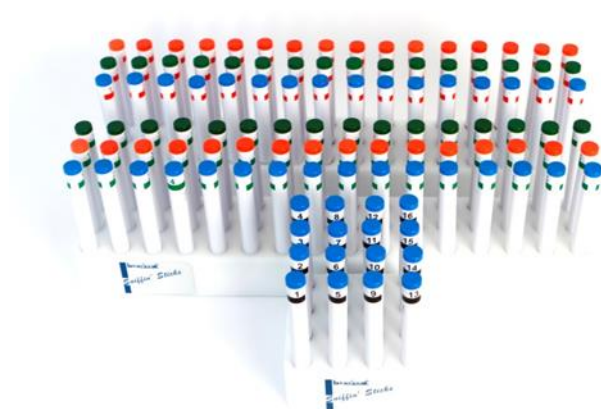
We offer this test in 2 versions:

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:

Name	Font Colour	Colour of Pen's End	Number of Pens
Threshold Test n-butanol	Red	Red (Target) Green, Blue (Blanks)	16 triplets = 48 pens
Threshold Test 2-phenylethanol	Black	Red (Target) Green, Blue (Blanks)	16 triplets = 48 pens
Discrimination Test	Green	Green (Target) Red, Blue (Non-Target)	16 triplets = 48 pens
Identification Test	Black	Blue	16 pens

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 "eucalytus".



Art.-Nr.: LA-13-00067

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)



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 3 containers with blanks.

A box contains 19 containers with 50 strips each. In sum these are 950 strips

Taste strips sweet, sour, salty, bitter (50 sets)
Instructions for use and evaluation material for taste strips

Item No.: LA-13-00314
Item No.: LA-18-00065

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

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

1 set of taste strips (25) consists of:

one container with 25 strips in highest concentration each for sweet, sour, salty and bitter.



Taste strips sweet, sour, salty, bitter (25 sets)

Item No.: LA-13-00331

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

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 odour 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

Threshold Test n-butanol (48 pens=32 blanks und 16 odor dilutions) Item No.: LA-13-00136
 Threshold Test 2-phenylethanol (48 pens=32 blanks und 16 odor dilutions) Item No.: LA-13-00137



Name	Font Color	Color of Pen's End	Number of Pens
Threshold Test n-butanol	Red	Red (Target) Green, Blue (Blanks)	16 triplets = 48 pens
Threshold Test 2-phenylethanol	Black	Red (Target) Green, Blue (Blanks)	16 triplets = 48 pens

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



Holder, small, for 16 odour pens (Identification Test)

Item No.: LA.13-00328



Holder, small, for 12 odour pens and 4 containers taste strips (Screening 12 Test)

Item No.: LA-13-00339



Holder, large, for 48 odour pens (Threshold or Discrimination Test)

Item No.: LA-13-00327

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)

Item No.: LA-18-00088
Item No.: LA-18-00077
Item No.: LA-18-00078

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

Item No.: LA-18-00007

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

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