

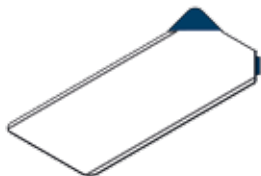
IQ Ultra™

The patented Inert Quadrate design



CHEMOTECHNIQUE
DIAGNOSTICS

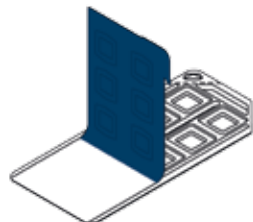
Patch Test Instructions for IQ Ultra™



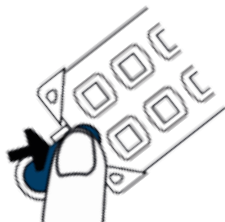
1. Detach one or two of the perforated corners. Let the corner(s) stay on the tape.



2. If the Application Device (AP-P) is used: slide the IQ-ultra unit into the device .



3. Pull back the tape gently until all chambers are revealed. Do not detach the tape from the plastic cover.



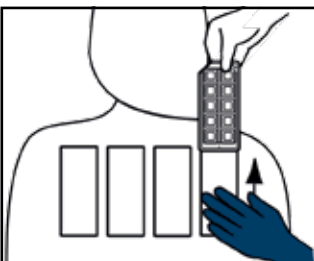
4. If the Application Device (AP-P) is used: attach the tape to the device by pressing the clip.



5. Apply the test preparations starting with the first hapten in the lower left chamber. Lower left = upper left on the patient.



6. If the Application Device (AP-P) is used: detach the IQ Ultra™ unit from the clip. Remove the unit from the device.



7. Remove the corner(s) and apply the unit onto the back. Press with the palms on the tape for about 5 seconds.



8. Mark, to the left of the tape, the first and the 5th chamber using the Chemo Skin Marker™.



9. After about 48 hours: Remove the patches with a rapid diagonal motion to minimize patient discomfort.

General considerations

Applying the patch test units on the patient

When applying the test patches on the patient, use if possible the upper part of the patients back, and avoid applying patches to the midline and the scapula. If several test series are applied, 2 horizontal rows of 4-5 units per row can be applied across the back. In some cases other areas of the body like the upper part of the arms may be used. If the patient's skin is oily you can clean it gently with some ethanol. Unless the patient has very dry or oily skin there is no need to put on extra reinforcement tape to secure the patches. Do not put any test units under a brassiere shoulder band which can cause dislocation of the test units. Please note; press the tape with the palm of your hand for about 5 seconds. The pressure and heat will enhance adhesion.

Liquid haptens

When applying liquid haptens, apply a drop of the test solution to the filter paper in the chamber (about 25 µl). The amount should be just enough to properly moisten the filter paper.

Preloading

Most of the haptens can be preloaded on IQ Ultra for up to two weeks. If preloading of the chamber is done for storage in the refrigerator, do not preload liquid haptens and volatile substances such as acrylates or fragrances.

Record form

Make a record on a record form of the numbers and names of each hapten. For record forms, visit our website www.chemotechnique.se where forms for all series are available under the section "Printouts" - "Patch Test Record forms".

Precautions

The patient should not take any cortisone or medications altering the immune system during the test, avoid taking showers and avoid exposure of the back to the sunlight.

Patient information sheet

Patient information sheets are available for each hapten, explaining where the substance can be found and if there are some known synonyms of the substance. Visit www.chemotechnique.se to get a free account, login, go to the specific hapten and press the red button "Patient Information" to get a printable copy.

For further information, see Chemotechnique Diagnostics' "Patch Test Products and reference manual" or visit www.chemotechnique.se.

For patent information visit www.chemotechnique.se.

Interpretation

Visual imprints on the skin from each chamber + a slight erythema from the frames should be visible as a sign of good occlusion. Reading of the test is preferably performed at day 3 or 4 plus at day 7 after test application for haptens that may show delayed reactions. At day 3, a weak erythema from the frames might be present in patients with sensitive skin. Some clinics prefer to add an initial reading when the tape units are removed. If this is made, allow initial skin irritation from the backing tape and the foam frame tape to subside, as well as reduction of the visual imprint on the skin due to the high skin occlusion of the chambers.

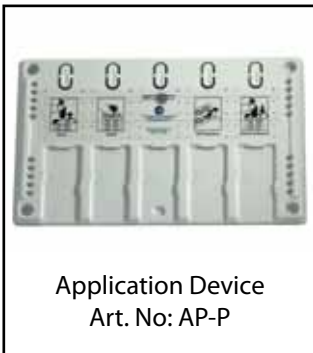
Use the **IQ Ultra Reading Plate** to facilitate the reading. For the interpretation of the test result the following scheme can be used:

- **IR Irritant reaction**
Discrete patchy erythema without infiltration.
- **+++ Extreme positive reaction**
 - Coalescing vesicles
 - Bullous or ulcerative reaction
- **++ Strong positive reaction**
 - Erythema -Infiltration
 - Papules -Discrete vesicles
- **+ Weak positive reaction**
 - Erythema -Infiltration
 - Papules
- **?+ Doubtful reaction**
 - Faint macular -No infiltration
 - Homogenous erythema



Photo by courtesy of Dr. Radosław Spienak

Other important products to simplify Patch Testing



PRODUCED BY CHEMOTECHNIQUE DIAGNOSTICS
MODEMGATAN 9 | 235 39 VELLINGE | SWEDEN
WWW.CHEMOTECHNIQUE.SE