

ALLERGY LINE

Allergy and Food Intolerance Diagnostics

High
Quality

Cost
Effective

Easy
to use

Patient
oriented

DST-dedicated to Allergy and Food Intolerance Diagnostics

Dear Customer and Partner,

DST Diagnostische Systeme & Technologien GmbH (Germany), has got an extensive experience in immunochemistry, biomedicine and allergies. Founded in 2000 by chemists and biologists, our ISO 13485 certified company today develops, manufactures and markets innovative in-vitro diagnostics of highest quality for laboratories and point-of-care applications. Our latest lab product, ALLERGY LINE, guarantees High Quality and Cost Effectiveness combined with Ease of Use for your convenience.

Best regards,

DST Diagnostische Systeme & Technologien GmbH



Allergens & Extracts



At DST, we manufacture over 600 high quality allergens – respiratory, food, environmental, purified and recombinant allergen components – from carefully selected raw materials.

Our extraction methods are optimized to guarantee the best allergenicity and reactivity of the freeze-dried products.

These allergens and extracts form the basis for all DST products manufactured inhouse and are used worldwide by IVD manufacturers and labs for their allergy and food intolerance tests.

- More than 600 allergens and food extracts available, including purified and recombinant allergen components
- On demand production of rare extracts

Properties

- Lyophilized
- Non matrix bound without cytotoxic chemicals, like stabilizers or preservatives (e.g. phenol, glycerol, sodium azide as well as merthiolate)
- Without covalent modification
- Solid, 10 years stable at -20 °C
- Packaging sizes: 1, 5 and 10 mg (other sizes on request)

Quality

- All extracts come with a quality certificate, including a SDS-Page image and specification of the protein content. The indicated protein content is determined by Lowry [1951]¹

¹ Lowry, O.H. Et al.: Protein measurement with the Folin phenol reagent, J. Biol. Chem. 193, No.1, 1951, p. 265-275

ALLERGY LINE Immunoassays



ALLERGY LINE

ALLERGY₄ LINE

Enzyme linked Immunosorbent assays, up to 40 determinations, multiple panels

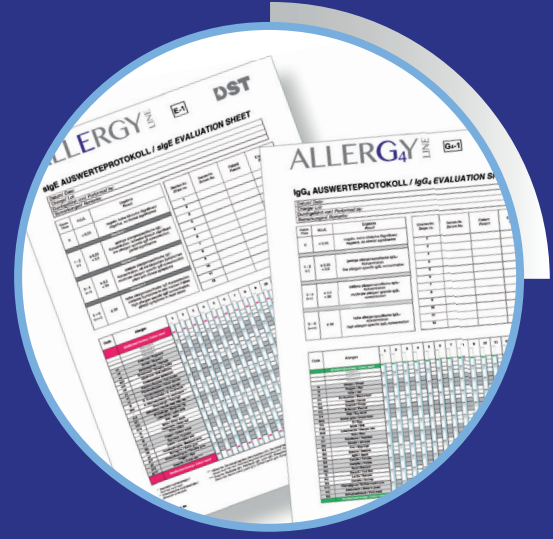
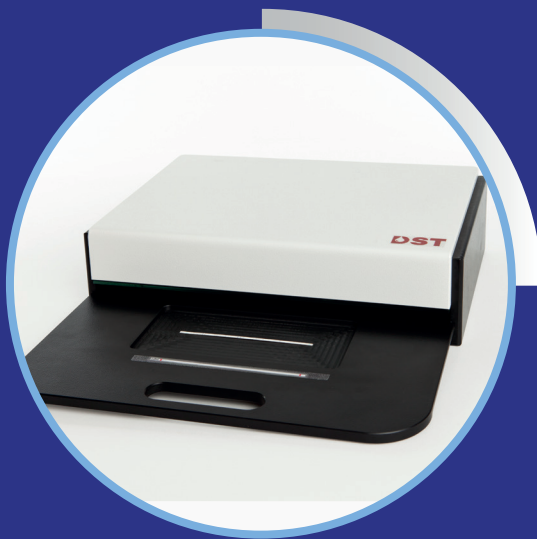
Quality	<ul style="list-style-type: none"> Numerous allergens and food extracts measured in one run 3 standards, two functional and one negative control on each strip Inter-assay precision: mean coefficient of variation <10% Quantitative results (using DST Reader and Software) No cross reactions with other immunoglobulins 	
	Performance	<ul style="list-style-type: none"> Fast results <ul style="list-style-type: none"> <140 min Allergy Diagnostics < 90 minutes Food Intolerance Diagnostics Small sample volumes needed² <ul style="list-style-type: none"> 150 µL Serum or Plasma (Allergy Diagnostics) 75 µL Serum or Plasma (Food Intolerance Diagnostics)
Easy to Use	<ul style="list-style-type: none"> Pre-coated line strips for an easy Handling Multi-language step-by-step quick guide for carrying out the assay and evaluation sheet 	
Cost Effectiveness	<ul style="list-style-type: none"> All required reagents are included 	

² Product for reduced sample volumes available upon request

ALLERGY LINE

Quick evaluation and quantitative determination

Two ways to read ALLERGY LINE results



By the use of a validated scanner/ software combination (DST Reader)

Quantitative ALLERGY LINE results are obtained easily by the use of the validated DST Reader and Software combination. ALLERGY LINE strips are read in a minute and a patient friendly report is generated giving results in predefined classes and kU_A/L of the tested allergens and food extracts.

✓ Easy to handle ✓ Quantitative ✓ Patient oriented

By naked eye

All ALLERGY LINE kits contain easy to use evaluation sheets to assess the test results. By color comparison of each single allergen or food extract line of the panel to the 3 standard lines on top of each strip, results are displayed in predefined classes.

✓ Fast ✓ Reliable ✓ Cost Effective

ALLERGY^{LINE}

High Quality Allergy and Food Intolerance Diagnostics

- ✓ High Quality Product
- ✓ Cost Effective
- ✓ Easy to use
- ✓ Patient oriented

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