

## ESTUDIOS INTERCOMPARATIVOS PARA LABORATORIO DLA 2019:

Subscription (single)	DLA-No.	Proficiency Test	Shipping Samples	Price
		<i>Elicitors of Allergies and Intolerance Reactions</i>		
		<b>Allergen-PTs (qualitative / quantitative)</b>		
		<i>DLA 01 – 9/2019: 2 Samples with Allergens in a Food Matrix, as pastry, chocolate or wine, are provided for <b>qualitative</b> and <b>quantitative</b> determination. One of these samples and the "Spiking Level Sample" were prepared adding the allergenic ingredients. The "Spiking Level Sample" contains the allergens in a simple matrix in similar amounts. The <b>evaluation</b> of results will be <b>qualitative</b> and <b>quantitative</b>. For information DLA calculates a <b>recovery rate</b> for the "positive"-sample and the "Spiking Level Sample". <b>Any suitable method can be applied</b> for analysis.</i>		
<input type="checkbox"/>	01/2019	Allergens I: <b>Milk</b> (Casein) and <b>Soya</b> in <b>Sauce Powder</b> with "Spiking Level Sample"	January	227 €
<input type="checkbox"/>	02/2019	Allergens II: <b>Lupin</b> and <b>Wheat</b> in „gluten-free“ <b>Bread</b> with "Spiking Level Sample"	February	227 €
<input type="checkbox"/>	03/2019	Allergens III: <b><math>\beta</math>-Lactoglobulin</b> , <b>Casein</b> and <b>Gluten</b> in <b>Infant Food</b> with "Spiking Level Sample"	March	247 €
<input type="checkbox"/>	04/2019	Allergens IV: <b>Celery</b> , <b>Mustard</b> and <b>Sesame</b> in <b>Spice Salt</b> with "Spiking Level Sample"	June	247 €
<input type="checkbox"/>	05/2019	Allergens V: <b>Hazelnut</b> and <b>Brazil Nut</b> in <b>Pastry</b> with "Spiking Level Sample"	September	227 €
<input type="checkbox"/>	06/2019	Allergens VI: <b>Peanut</b> and <b>Walnut</b> in <b>Spread (Cocoa Cream)</b> with "Spiking Level Sample"	October	227 €
<input type="checkbox"/>	07/2019	Allergens VII: <b>Pistachio</b> and <b>Mollusks</b> in <b>Soup Powder</b> with "Spiking Level Sample"	November	227 €
<input type="checkbox"/>	08/2019	Allergens VIII: <b>Buckwheat</b> , <b>Almond</b> and <b>Macadamia</b> in <b>Cereal Muesli</b> with "Spiking Level Sample"	December	247 €

<input type="checkbox"/>	09/2019	Allergens IX: <b>Casein and Egg White Protein</b> in Liqueur with "Spiking Level Sample"	January	227 €
<input type="checkbox"/>	10/2019	Allergens X: <b>Gluten</b> from Durum Wheat in „gluten-free“ Noodles	June	210 €
<p><b>Allergen-Screening (qualitative)</b></p> <p><i>DLA 11 - 13: 4 Samples with Allergens in a simple Carrier Matrix are provided. The evaluation of results is strictly qualitative with indication of the obtained agreements with the consensus values of the participants and the spiking of samples. For analysis ELISA (+ Lateral Flow) and PCR can be applied.</i></p>				
<input type="checkbox"/> ELISA <input type="checkbox"/> PCR	11/2019	Allergen-Screening I - 4 Samples qualitative: <b>Cashew, Hazelnut, Macadamia, Almond, Brazil Nuts, Pecan, Pistachio, Walnut</b>	March	350 € <sup>1</sup> 450 € <sup>2</sup>
<input type="checkbox"/> ELISA <input type="checkbox"/> PCR	12/2019	Allergen-Screening II - 4 Samples qualitative: <b>Crustaceae, Egg, Fish, Milk, Molluscs, Mustard</b> (yellow/white, brown and black), <b>Soybean</b>	July	350 € <sup>1</sup> 450 € <sup>2</sup>
<input type="checkbox"/> ELISA <input type="checkbox"/> PCR	13/2019	Allergen-Screening III - 4 Samples qualitative: <b>Cereals containing Gluten</b> (Wheat, Rye, Barley and Oat), <b>Peanut, Lupine, Celery</b> (Leaves / Stem, Root and Seed), <b>Sesame</b> (white and black)	October	350 € <sup>1</sup> 450 € <sup>2</sup>
<i>prices 1) ELISA or PCR, 2) ELISA and PCR</i>				
<p><b>Allergen-Response of processed allergenic Ingredients</b></p> <p><i>DLA 14 - 15: 5 Samples of a differently processed Allergen are provided for qualitative and quantitative determination a simple Carrier Matrix as well as a „Blank Sample“ (Carrier Matrix). The individual processed ingredients of the samples are mixed gravimetrically by DLA each from 4 industrially manufactured products. The analytical methods are optional.</i></p>				
<input type="checkbox"/>	14/2019	Response PT <b>Almond</b> : Processed samples <b>Almond (not roasted), Almond (roasted), Marzipan, Almond Spread</b> and <b>Almond Milk</b> in potato powder matrix (levels: 25 - 150 mg/kg)	April	324 €
<input type="checkbox"/>	15/2019	Response PT <b>Egg</b> : Processed samples <b>Liquid Egg (pasteurized), Egg (boiled), Whole Egg Powder, Egg Pasta</b> and <b>Egg Pastry</b> in potato powder matrix (levels: 25 - 150 mg/kg)	September	324 €
<b>Action Level Matrix- ALM Verification</b>				

	<p><b>DLA 16 - 17: A Calibration Set of 5 Samples of an Allergen in a Specific Matrix</b> is provided for <b>qualitative</b> determination as well as a „<b>Blank Sample</b>“ (<b>Matrix</b>). The allergen levels of the calibration row range from 1/10 to at least twice the Action Level 1 (VITAL concept 2.0) and judgment value of the German Commission ALTS/ALS. <b>Valuation</b> of PT-results is <b>qualitative in Scores of 1-5</b> (Score 3 = Action Level successfully identified). Quantitative results will be reported for information. The <b>analytical methods</b> are <b>optional</b>.</p>			
<input type="checkbox"/>	16/2019	ALM-Verification <b>Almond</b> : 5 calibration samples containing Almonds in <b>Cookies Matrix</b> (levels: 2,0 / 10 / 20 / 50 / 100 mg/kg), Allergenic Material: mixture of 4 almond varieties	May	324 €
<input type="checkbox"/>	17/2019	ALM-Verification <b>Egg</b> : 5 calibration samples containing Whole Egg Powder in <b>Infant-Cookies Matrix</b> (levels: 0,1 / 0,5 / 1,0 / 5,0 / 15 mg/kg)	November	324 €
		<i>Other Elicitors of Allergies and Intolerance Reactions</i>		
<input type="checkbox"/>	18/2019	<b>Lactose + Fructose</b> in "lactose-free" food with "Spiking Level Sample"	April	228 €
		<i>Mycotoxins</i>		
<input type="checkbox"/>	20/2019	<b>Aflatoxins</b> in <b>Hazelnut Butter</b>	December	227 €
<input type="checkbox"/>	21/2019	<b>Aflatoxins</b> in <b>Pistachio</b>	April	227 €
<b>displaced</b>	22/2019	<b>DON + Zearalenon</b> in Cereals (see <b>NEW: Mycotoxin-Screening</b> )		
<b>displaced</b>	23/2019	<b>Fumonisin</b> in Cereal Infant Food (see <b>NEW: Mycotoxin-Screening</b> )		
<input type="checkbox"/>	24/2019	<b>Ochratoxin A</b> in <b>Liquorice Powder</b>	March	187 €
<input type="checkbox"/>	25/2019	<b>Aflatoxins + Ochratoxin A</b> in Spice Mixture	May	240 €
<input type="checkbox"/>	26/2019	<b>Ochratoxin A</b> in <b>Wine</b>	June	187 €
<input type="checkbox"/>	27/2019	<b>Patulin</b> in <b>Apple Puree</b>	September	187 €
<input type="checkbox"/>	28/2019	<b>Ergot-Alkaloides</b> in Cereals	December	291 €
		<b>NEW: Multi-Mycotoxin-Screening</b> (qualitative / quantitative, 2 different Samples with positive and "negative" Contents)		

<input type="checkbox"/>	ptMYS1 (L19)	Mycotoxin-Screening: <b>Aflatoxins, Ochratoxin A, DON, Zearalenon and Fumonisin in Breakfast Cereals</b> (with corn and/or other cereal products)	April	480 €
		<b>NEW: Mycotoxin-Matrix-Sets</b> (quantitative, 3 different Samples)		
<input type="checkbox"/>	ptMYM2 (L19)	Mycotoxin Matrices: <b>Ochratoxin A in 3 Matrices:</b> Cereal product, Spice Mixture and Coffee	August	480 €
		<i>Potentially toxic Compounds, Contaminants and Residues</i>		
<input type="checkbox"/>	29/2019	<b>Cumarin in Cinnamon Powder</b>	November	187 €
<input type="checkbox"/>	30/2019	<b>Sudan Dyes in Spice Powder</b>	July	227 €
<input type="checkbox"/>	31/2019	<b>Iodine and Fluorine in Salt</b>	July	227 €
<input type="checkbox"/>	32/2019	Contaminated Food: <b>Heavy Metals (Pb, Cd, Hg, As and additionally: organic As and Al) in Root Vegetable Powder / Plant Powder with Soy and Rice Flour</b>	May	227 €
		<i>Genetically modified Organisms</i>		
<input type="checkbox"/>	33/2019	<b>GMO-Screening I (qualitative):</b> 5 Samples with positive/negative amounts of <b>p-35S, t-NOS, p-FMV, CP4 EPSPS, 35S-Pat, Cry1Ab/Ac / GMO-Maize (Bt11, MIR604) and GMO-Soya (RR GTS 40-3-2, RR2 MON89788)</b>	May	253 €
<input type="checkbox"/>	34/2019	<b>GVO-Screening II (qualitative):</b> 5 Samples with positive/negative amounts of <b>GMO-Potato Amflora (EH92-527-1), GMO-Rape Seed / Canola (GT73, MON88302) and GMO-Sugar Beet (H7-1)</b>	August	253 €
		<i>Nutrients, Additives and Ingredients of Quality</i>		
<input type="checkbox"/>	35/2019	<b>Dietary Fiber and Inulin in Cereal Product</b> (new: 2 Samples, with and without Inulin)	February	268 €
<input type="checkbox"/>	36/2019	<b>Dry Matter, total Ash, acid insoluble Ash and volatile oil in Spice</b>	August	227 €
<input type="checkbox"/>	38/2019	<b>Steviosides in Plant Product</b>	June	227 €
<input type="checkbox"/>	39/2019	<b>Methylcafestol in 3 Coffee Blends</b>	October	217 €

<input type="checkbox"/>	42/2019	Nicotin in E-Cigarette-Liquid	November	191 €
<b>Animal Species-Screening (qualitative)</b>				
<i>DLA 43 - 45: 4 Samples with portions of Animal Origin (meat or dairy products) are provided. The evaluation of results is strictly qualitative with indication of the obtained agreements with the consensus values of the participants and the spiking of samples. The analytical methods are optional.</i>				
<input type="checkbox"/>	43/2019	Animal Species-Screening I – 4 Samples qualitative: <b>Rabbit, Pork, Sheep and Goat in Meat Product (Beef)</b>	March	324 €
<input type="checkbox"/>	44/2019	Animal Species-Screening II – 4 Samples qualitative: <b>Donkey, Beef, Horse, Chicken and Turkey in Meat Product (Pork)</b>	June	324 €
<input type="checkbox"/>	45/2019	Animal Species-Screening III – 4 Samples qualitative: <b>Buffalo, Cow's, Sheep's and Goat's Milk in Milk Product (e.g., Cheese)</b>	August	324 €
<b>Food Supplements and Dietetic Products</b>				
<input type="checkbox"/>	46/2019	Food Supplement I: <b>Vitamins B1, B2, B6, B12, Biotin, Vitamin C, Folic Acid, Niacin and Pantothenic Acid (enriched / high levels)</b>	May	290 €
<input type="checkbox"/>	47/2019	Food Supplement II: <b>B, Ca, Cr, Cu, Fe, K, Mg, Mn, Mo, P, Se, Zn</b>	July	245 €
<input type="checkbox"/>	48a/2019	Dietetic Food I: <b>Vitamine A, E, D3, K1, Lycopene and <math>\beta</math>-Carotene in Infant Food Pap (enriched / low levels)</b>	October	212 €
<input type="checkbox"/>	49/2019	<b>Heavy Metals and Trace Elements</b> in plant food, approx. 20 Elements ("natural" / partly low levels)	April	366 €
<input type="checkbox"/>	50/2019	<b>Free Amino Acids and Taurine</b> in Food (Infant Food)	September	390 €
<b>Cosmetic Products and Contact Materials</b>				
<input type="checkbox"/>	51/2019	Cosmetic Products I: <b>Preservatives</b> (Benzylalcohol, Benzoic Acid, Salicylic Acid, Sorbic Acid, 4-Hydroxy-Benzoic Acid) in <b>Body Lotion</b>	February	223 €
<input type="checkbox"/>	52/2019	Cosmetic Products II: <b>Coffein</b> in Hair <b>Shampoo</b>	August	191 €
<input type="checkbox"/>	53/2019	Cosmetic Products III: <b>Coenzym Q10, Panthenol and Tocopherol</b> in Skin Cream	December	212 €
<input type="checkbox"/>	54/2019	Cosmetic Products IV: <b>Aluminium</b> in <b>Deodorant</b>	August	191 €

<input type="checkbox"/>	55/2019	Contact Material I: <b>Release of Elements from Food Contact Material</b> (with specified conditions)	October	223 €
<input type="checkbox"/>	56/2019	Contact Material II: <b>Overall Migration of Plastic Food Contact Material</b> (with specified conditions)	October	191 €
<input type="checkbox"/>	57/2019	Children's Product I: <b>Analysis of 8 Elements in Make-Up</b> (As, Ba, Cd, Cr, Hg, Pb, Sb, Se)	September	245 €
<input type="checkbox"/>	DLA-No. Please indicate!	<b>Double Sample Material</b> <i>Order of the following PT-numbers:</i> <input type="text"/>	<i>with PT shipment</i>	<b>75 € per PT</b>
<input type="checkbox"/> <input type="checkbox"/>	C-2018 C-2019	<b>Annual Certificate of all participated / passed PTs</b> (all parameters with z-scores or „participated“)	Period Ending or on Request	20 € per PT

The minimum number of participants is 10.  
 Prices doesn't include shipping costs: 35€ to Spain.