

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



21365

Accredited to  
ISO 15189:2012

### Norfolk and Norwich University Hospitals NHS Foundation Trust trading as Eastern Pathology Alliance

Issue No: 001 Issue date: 15 September 2022

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Testing performed at the above address only

#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Immunology examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified.
Serum, Plasma	Quantification of the following:  Caeruloplasmin IgG IgA IgM Complement C3, C4 B2 Microglobulin IgG Subclasses 1, 2, 3, 4 Serum Free Kappa Light Chain Serum Free Lambda Light Chain A1AT	Siemens BNII Nephelometer using Siemens reagents EBN-IMMP-062
Blood	Quantification of the following:  Primary immunodeficiency panel including: Lymphocyte subsets (CD3, CD4, CD8, CD19, CD56+, CD16) Stem Cell CD34 Foetal Maternal Haemorrhage (FMH) estimation	Flow cytometry using Becton Dickinson FacsCanto II EBN-IMMP-070
Plasma	Quantiferon TB Gold Plus	Automated ELISA Dynex DS2, Qiagen reagents EBN-IMMP-085



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified
Serum, Plasma	Intrinsic Factor Antibody	Automated ELISA Dynex DS2, Werfen reagents: EBN-IMMP-085
Serum, Plasma	Detection of extended liver blot to include: AMA-M2, M2-3E (BPO), Sp100, PML, gp210, LKM-1, LC-1, SLA/LP and Ro-52	Euroimmun EuroBlotOne, Euroimmun reagents EBN-IMMP-042
Serum, Plasma	Detection of:  Anti-nuclear antibodies (HEP2)	Indirect immunofluorescence using Quantalyser 240, Quantalink, Werfen/Inova reagents EBN-IMMP-080
	ANCA LKS antibodies (ANA, GPC, AMA, SMA, LKM, LC-1, Reticulin R1) and smooth muscle titres Islet cell antibodies Skin antibody (pemphigus/pemphigoid) Adrenal antibodies	
Serum, Plasma	Quantification/Detection of the following:  Protein electrophoresis (CZE)	Capillary electrophoresis using Sebia Cap 2 Flex and Sebia Cap 3 Tera EBN-IMMP-053
	Protein Immunotyping (CZE)	
Serum, Plasma	Protein Immunofixation	Hydrasys Agarose Gels EBN-IMMP-053
	Quantification of the following:	
Faeces	Calprotectin	FEIA using ImmunoCAP 250 EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified
Serum, Plasma	Glomerular basement membrane antibodies (GBM) Myeloperoxidase antibodies (MPO) Proteinase 3 antibodies (PR3) dsDNA antibody ENA screen (symphony)	
Serum, Plasma	U1-RNP, Sm, Ro, La, centromere, Scl, RNA Poll III, Jo-1, Fibrillarin, Rib-P, PM-Scl, PCNA, Mi-2 Anti-Cardiolipin antibody IgG, IgM Beta-2 Glycoprotein 1 antibody IgG, IgM Anti-tissue transglutaminase antibody IgA, IgG Tryptase Total IgE  Specific IgE (see below) g6, Timothy g12, Cultivated rye t3, Common silver birch w6, Mugwort m2, Cladosporium herbarum m6, Alternaria alternata d1, House dust mite d2, House dust mite e1, Cat dander e5, Dog dander f1, Egg white f2, Milk f4, Wheat f14, Soybean m3, Aspergillus fumigatus m5, Candida albicans e3, Horse dander f11, Buckwheat f13, Peanut f33, Orange g5, Rye-grass i1, Honey bee venom t5, American beech	FEIA using ImmunoCAP 250: EBN-IMMP-075



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	t9, Olive f3, Fish (cod)	
HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified
Serum, Plasma (cont'd)	m1, Penicillium chrysogenum c1, Penicilloyl G c2, Penicilloyl V e6, Guinea pig epithelium e70, Goose feathers f6, Barley f7, Oat f10, Sesame seed f12, Pea f15, White bean f18, Brazil nut f20, Almond f23, Crab f24, Shrimp f25, Tomato f26, Pork f75, Egg yolk f27, Beef f31, Carrot f35, Potato f36, Coconut f37, Blue mussel f41, Salmon f44, Strawberry f45, Yeast f49, Apple t19, Acacia g14, Cultivated oat m16, Curvularia lunata f209, Grapefruit f214, Spinach f254, Plaice c6, Amoxicilloyl f54, Sweet potato f55, Common millet f58, Pacific squid f61, Sardine, Pilchard o1, Cotton, crude fibers f256, Walnut i3, Common wasp venom f17, Hazel nut e85, Chicken feathers	FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified
Serum, Plasma (cont'd)	e86, Duck feathers f79, Gluten f80, Lobster f81, Cheese, cheddar type f82, Cheese, mold type f84, Kiwi fruit f85, Celery f86, Parsley f87, Melon e78, Budgerigar feathers e80, Goat epithelium e81, Sheep epithelium e82, Rabbit epithelium e83, Swine epithelium e84, Hamster epithelium k77, Isocyanate HDI i71, Mosquito f89, Mustard f91, Mango k74, Silk f92, Banana f93, Cacao f95, Peach i70, Fire ant f96, Avocado c73, Insulin human k84, Sunflower seed k86, Trimellitic anhydride, TMA e71, Mouse epithelium e72, Mouse urine proteins e73, Rat epithelium k82, Latex f76, nBos d 4, Milk f77, nBos d 5, Milk f78, nBos d 8, Milk f201, Pecan nut f259, Grape f210, Pineapple f242, Cherry f216, Cabbage f235, Lentil f218, Paprika, Sweet pepper	FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified
Serum, Plasma (cont'd)	f284, Turkey meat f204, Trout g201, Barley e201, Canary bird feathers f245, Egg f208, Lemon m207, Aspergillus niger e213, Parrot feathers t210, Privet f202, Cashew nut f203, Pistachio f205, Herring f244, Cucumber f255, Plum f260, Broccoli f290, Oyster c74, Gelatin bovine f338, Scallop e196, Parakeet feathers c8, Chlorhexidine f413, Pollock f42, Haddock w45, Alfalfa t201, Spruce e208 Chinchilla epithelium e214, Finch feathers f206, Mackerel w203, Rape e215, Pigeon feathers f262, Aubergine, eggplant f288, Blueberry f279, Chilipepper f221, Coffee f281, Curry (Santa Maria) f219, Fennel seed f276, Fennel fresh f212, Mushroom (champignon) f283, Oregano f294, Passion fruit f253, Pine nut, pignoles f224, Poppy seed f226, Pumpkin seed	FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified
Serum, Plasma (cont'd)	f287, Red kidney bean f222, Tea f258, Squid t207, Douglas fir e217, Ferret epithelium f302, Mandarin (tangerine, clem f308, Sardine (Pilchard) f309, Chick pea i204, Horse fly t213, Pine f313, Anchovy f315, Green bean f316, Rape seed k212, Abachi wood dust f324, Hop e218, Chicken droppings e219, Chicken serum prot. f328, Fig f335, Lupine seed c202, Suxamethonium (Succinylch f340, Cochineal extract i205, Bumble bee f343, Raspberry f344, Sage f345, Macadamia nut wx3, Weed pollen tx5, Tree pollen mx1, Moulds fx1, Food tx8, Tree pollen fx5, Food ex71, Feathers ex72, Cagebirds fx15, Fruits fx29, Fruits fx22, Nuts f232, nGal d 2, Egg f233, nGal d 1, Egg f416, rTri a 19, Wheat f420, rPru p 3, Peach f422, rAra h 1, Peanut f423, rAra h 2, Peanut	FEIA using ImmunoCAP 250: EBN-IMMP-075



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified
Serum, Plasma (cont'd)	f424, rAra h 3, Peanut f425, rCor a 8, Hazel nut f427, rAra h 9 LTP, Peanut f428 rCor a 1 PR-10, Hazel nut f323, nGal d 3, Egg t215, rBet v 1, Birch t216, rBet v 2, Birch f352, rAra h 8, Peanut f433, rTri a 14 LTP, Wheat f439, rCor a 14, Hazelnut f440, nCor a 9, Hazelnut f443, rAna o 3, Cashew nut Phadiatop f48, Onion f277, Dill f268, Clove f270, Ginger f293, Papaya f88, Mutton m70, Pityrosporum orbiculare fx2 Fish screen rx7 Regional mix f225 Pumpkin f40 Tuna f280 Black pepper f325, Sheep milk i75, European hornet f5, Rye f217, Brussel sprouts k76, Isocyanate md1 e89, Turkey feathers f94, pear f333, linseed f83, Chicken w204, Sunflower f211, Blackberry c206, morphine t12, willow f292, guava f247, honey f447, rAra h 6 Peanut f354, rBer e 1 Brazil nut	FEIA using ImmunoCAP 250: EBN-IMMP-075





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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified
Serum, Plasma (cont'd)	f441, rJug r 1 Walnut f442, rJug r 3 LTP Walnut fx73, Pork, Beef Chicken Mix t220, rBet v 4 Birch t225, rBet v 6 Birch t221, rBet v 2, rBet v 4 Birch f419, rPru p 1 PR-10 Peach f421, rPru p 4 Profilin Peach mx2, Mould mix mx4, Mould mix tx6, Tree mix f329, watermelon f306, lime f207, clam f261, asparagus f320, Crayfish F8, maize f269, Basil f317, Coriander f47, garlic f9, rice f333, Linseed f353, rGly m 4 PR-10, Soy f227, sugar beet seed f319, Beetroot	FEIA using ImmunoCAP 250: EBN-IMMP-075
END		