**ΠΑΡΑΡΤΗΜΑ Α -** **ΤΕΧΝΙΚΕΣ ΠΡΟΔΙΑΓΡΑΦΕΣ**

**Διευκρινίζεται ότι όπου στην περιγραφή των ειδών γίνεται μνεία συγκεκριμένου προτύπου, κατασκευής ή προέλευσης ή ιδιαίτερων μεθόδων κατασκευής, ή αναφορά σε σήμα, δίπλωμα ευρυσιτεχνίας ή τύπο καθώς και σε συγκεκριμένη καταγωγή ή παραγωγή, εμπορικό σήμα, η μνεία αυτή αφορά και στα ισοδύναμα αυτών.**

**Διευκρινίζεται ότι οι ζητούμενες συσκευασίες δεν ζητούνται επί ποινή αποκλεισμού.**

| **A/A** | **ΕΙΔΟΣ** | **ΜΟΝΑΔΑ ΜΕΤΡΗΣΗΣ** | **ΠΟΣΟΤΗΤΑ** |
| --- | --- | --- | --- |
| 1 | Agarose, BioReagent, for molecular biology, low Electroendosmosis, Sigma A9539 | 500g | 1 |
| 2 | Folin & Ciocalteu’s phenol reagent, 2 M (with respect to acid), for the determination of total protein, Sigma 47641 | 500ml | 2 |
| 3 | Αντικειμενοφόρες πλάκες 26 x 76mm με εσμύρισμα, Deltalab D100002 | Πακ/50 | 30 |
| 4 | Gibco® Antibiotic-Antimycotic, contains 10,000 units/mL of penicillin, 10,000 µg/mL of streptomycin, and 25 µg/mL of Gibco Amphotericin B, ThernoFisher Scientific 15240062 | 100ml | 3 |
| 5 | Albumin human, recombinant, expressed in rice, lyophilized powder, cell culture tested, low endotoxin, ≥96% (Excised bands analyzed by MS to yield total albumin content, PAGE), Sigma A9731 | 1g | 1 |
| 6 | *N*,*N*′-Methylenebis(acrylamide) 99%, for gel preparation, Aldrich 146072 | 100g | 1 |
| 7 | Plate Count Agar, for the enumeration of bacteria in water, waste water, food etc in laboratory setting, LabM LAB010 | 500g | 1 |
| 8 | Buffer Peptone Water, for the non-selective pre-enrichment of a variety fo microorganisms in food, LabM LAB204 | 500g | 1 |
| 9 | Rose Bengal Chloramphenicol Agar, for the enumeration of moulds and yeasts in food, LabM LAB036 | 500g | 1 |
| 10 | Sodium dodecyl sulfate, 92.5-100.5% based on total alkyl sulfate content basis, anionic detergent, Sigma L5750 | 500g | 1 |
| 11 | 2-Thiobarbituric acid ≥98%, for the quantitation of lipopolysaccharides, carrageenan, and sialic acids and the detection of lipid hydroperoxides and lipid oxidation, Sigma T5500 | 25g | 1 |
| 12 | D(+)-Glucose anhydrous BioChemica, Assay (HPLC): min. 99 %, pH (10 %; H2O): 4.5 - 7.0, Applichem A1422 | 1kg | 2 |
| 13 | Hanks’ Balanced Salt solution, With sodium bicarbonate, liquid, sterile-filtered, suitable for cell culture, Sigma H9269 | 1lt | 1 |
| 14 | MacConkey Agar (Without Salt),  for the isolation and differentiation of lactose and non lactose fermenting enteric bacteria, LabM LAB002 | 500g | 1 |
| 15 | Pipetman Diamond Tips DL10, 0.1-20μl, PP, Gilson F161450 | Πακ/1.000 | 3 |
| 16 | Λαβίδα ξύλινη σταθεροποίησης σωληναρίων | Τεμ | 10 |
| 17 | Ethanol, 99.8%, anhyd., denat. with 1% iPr-OH, 1%MEK, 0.001% Bitrex®, Acros 463680025 | 2,5lt | 5 |
| 18 | Screw cap tube 15 ml, 120 x 17 mm, conical base, PP, with print, assembled red cap, 50 sterile and pyrogen-free pieces packed in the bag, Sarstedt 62.554.502 | Πακ/50 | 24 |
| 19 | Screw cap tube, 50 ml, 114 x 28 mm,conical base, PP, with printed writing space and graduation, with assembled red cap, sterile and non-pyrogenic/endotoxin-free, 62.547.254 | Πακ/25 | 24 |
| 20 | Protein G Sepharose® 4 Fast Flow, matrix; 4% cross-linked agarose, average diameter; 90μm (d50v), Sigma GE17-0618-01 | 5ml | 1 |
| 21 | iTaq Universal One-Step SYBR Green kit, Biorad 1725150 | 100 x 20μl reactions | 2 |
| 22 | 1.5 ml micro test tubes Eppendorf® type, In polypropylene, conical shape. Flat cap with writing area and pierceable. Temperature of use: -80 °C / +121 °C, Aptaca 1003/G | Πακ/1.000 | 15 |
| 23 | Trypsin-EDTA 1X in PBS w/o Calcium w/o Magnesium w/o Phenol Red, Biowest L0940-100 | 100ml | 5 |
| 24 | Costar® 6-well Clear TC-treated Multiple Well Plates, Individually Wrapped, Sterile, Corning 3516 | Πακ/50 | 2 |
| 25 | Sodium Bicarbonate 7.5% solution, for maintaining the pH of cell culture medium, ThermoFisher Scientific 25080060 | 100ml | 1 |
| 26 | Serological pipette 5 ml, with cotton plug, colour code: blue, polystyrene, sterile, non-pyrogenic/endotoxin-free, non-cytotoxic, Sarstedt 86.1253.001 | Πακ/500 | 5 |
| 27 | Serological pipette 10 ml, with cotton plug, colour code: orange, polystyrene, sterile, non-pyrogenic/endotoxin-free, non-cytotoxic, Sarstedt 86.1254.001 | Πακ/500 | 5 |
| 28 | Tissue culture flask T-75, polystyrene, Standard growth surface for adherent cells, canted neck, 2-position screw cap, red, sterile, non-pyrogenic/endotoxin-free, non-cytotoxic, Sarstedt 83.3911 | Πακ/5 | 12 |
| 29 | Cell culture dish, ps, 100/20 mm,  vents, cellstar® TC, sterile, Free of detectable DNase, RNase, human DNA, non-pyrogenic, free of detectable DNase, RNase, human DNA, non-pyrogenic, Greiner 664160 | Πακ/360 | 2 |
| 30 | Cell culture plate, 12-well, polystyrene, Standard growth surface for adherent cells, red, flat base, sterile, non-pyrogenic/endotoxin-free, non-cytotoxic, Sarstedt 83.3921 | Τεμ | 20 |
| 31 | Circular cover slips Ø10mm, 0.13-0.16mm thickness, made of D263 M borosilicate glass, LLG 9.161 063 | Πακ/100 | 10 |
| 32 | Penicillin-Streptomycin Solution 100X, Biowest L0022 | 100ml | 5 |
| 33 | Dulbecco’s Phosphate Buffered Saline Modified, without calcium chloride and magnesium chloride, liquid, sterile-filtered, suitable for cell culture, Sigma D8537 | 500ml | 15 |
| 34 | Dulbecco’s Modified Eagle’s Medium - low glucose, With 1000 mg/L glucose, L-glutamine, and sodium bicarbonate, liquid, sterile-filtered, suitable for cell culture, Sigma D6046 | 500ml | 15 |
| 35 | Storage box made of cold-resistant, laminated cardboard, with lid and compartmentalized insert, for tubes up to max. ø 12 mm and a tube length of 36-45 mm, grid: 10 x 10, for 100 tubes, External dimensions (WxLxH): 135 x 135 x 45 mm, Sarstetd 95.64.997 | Τεμ | 15 |
| 36 | 2',4',6'-Trihydroxyacetophenone hydrate min. 98%, Off-white to pale yellow powder, Carbosynth FT10622 | 25g | 1 |
| 37 | (±)-Naringenin, min. 98%, 5% loss on dtying, white to brown powder, Carbosynth FN01176 | 25g | 1 |
| 38 | D-Biotin, Essential vitamin, Important for amino acid and energy metabolism, and fatty acid synthesis, Fluorochem M02926 | 5g | 1 |
| 39 | HyClone™ McCoy's 5A Media, McCoy's 5A medium with L-glutamine, sodium bicarbonate, 0.1 μm sterile filtered, GE Healthcare Hyclone SH3020001 | 500ml | 2 |
| 40 | Gibco™ RPMI 1640 Medium, suitable for a variety of mammalian cells, including HeLa, Jurkat, MCF-7, PC12, PBMC, astrocytes, and carcinomas, ThermoFisher 21875034 | 500ml | 12 |
| 41 | Glycine for molecular biology, min. 99.5 %, DNases/RNases/Proteases: not detectable, Applichem A1067 | 1kg | 3 |
| 42 | Cellulose Acetate Syring Filter, 0.22μm, 25mm, Membrane Solutions SFCA025022S | Πακ/100 | 4 |
| 43 | 0,2ml micro test tubes, Ø6x21, PP, conical shape. Flat cap with writing area and pierceable. Temperature of use: -80 °C / +121 °C, Aptaca 1203 | Πακ/1.000 | 5 |
| 44 | Pipette tip, 200 µl, transparent, calibration rings, fits Eppendorf, Gilson, Finnpipette Biohit, Brand and Socorex and products of identical design, Sarstedt 70.760.002 | Πακ/500 | 20 |
| 45 | Γάντια νιτριλίου μιας χρήσεως | Πακ/100 | 10 |
| 46 | Γάντια latex χωρίς πούδρα | Πακ/100 | 10 |
| 47 | Χαρτί απορροφητικό επαγγελματικό, ρολό (2x2,5kg) | Τεμ | 15 |
| 48 | Sodium phosphate dibasic anhydrous RPE - For analysis - ACS - Reag. Ph.Eur. - Reag. USP ≥99%, Carlo Erba 480141 | 1kg | 1 |
| 49 | Petri dish 92 x 16 mm, PS, with ventilation cams, Sarstedt 82.1473 | Πακ/480 | 5 |
| 50 | Petri dishes Ø60mm, PS with high optical clarity, without vents-sterile R, Aptaca 61 | Πακ/1.000 | 3 |
| 51 | Καταγραφικό χαρτί Silver, 50mm, ρολό | Τεμ | 1 |
| 52 | Καταγραφικό χαρτί Silver, 64mm, ρολό | Τεμ | 1 |
| 53 | Dulbecco’s Modified Eagle’s Medium - high glucose, With 4500 mg/L glucose, L-glutamine, sodium pyruvate, and sodium bicarbonate, liquid, sterile-filtered, suitable for cell culture, Sigma D6429 | 500ml | 12 |
| 54 | Cell culture plate, 24-well, polystyrene, Standard growth surface for adherent cells, red, flat base, sterile, non-pyrogenic/endotoxin-free, non-cytotoxic, Sarstedt 83.3922 | Τεμ | 100 |
| 55 | Gibco™ Medium 199, Earle's Salts, for virology, vaccine production, and *in vitro* cultivation of primary explants of mouse pancreatic epithelium, and rat lens tissues, ThermoFisher Scientific 31150022 | 500ml | 1 |
| 56 | Thermo Scientific™ Finntip™ Stepper Pipette Tips, Volume (Metric) 5ml, Volume (Metric) Dispensing 100, 200, 300, 400 and 500μl, ThermoFisher Scientific 9404203 | Πακ/25 | 1 |
| 57 | HIF-1α (D1S7W) XP® Rabbit mAb, Western blot analysis of extracts from Hep G2 cells untreated (-) or treated with cobalt chloride (100 µM, 4 h; +), Raji cells untreated (-) or treated with cobalt chloride (100 µM, 4 h; +) and U-2 OS cells untreated (-) or treated with DMOG (1 mM, 6 h; +) using HIF-1α (D1S7W) XP® Rabbit mAb (upper) or β-Actin (D6A8) Rabbit mAb #8457 (lower), Cell Signaling Technology 36169T | 20μl | 1 |
| 58 | Cryo.s, 2 ml, pp, round bottom,  external thread, natural screw cap,  writing area, starfoot, natural, sterile, Greiner bio-one 126263 | Πακ/100 | 5 |
| 59 | Cryo.s, 2 ml, pp, round bottom, external thread, blue screw cap, writing area, starfoot, natural, sterile, Greiner bio-one 126279 | Πακ/100 | 5 |
| 60 | Πλαστικό, διαφανές, δοχείο ιστολογικών παρασκευασμάτων με πιεστό πώμα, χωρητικότητας 5000ml κατασκευασμένο από polypropylene, Kaltek 3809 | Πακ/50 | 1 |
| 61 | LightCycler® 480 SYBR Green I Master, Ready-to-use hot start reaction mix for SYBR Green I-based real-time PCR using the LightCycler®480 Instrument, Roche 04707516001 | 500 x 20μl | 1 |
| 62 | Corning® 96-well Clear Flat Bottom Ultra-Low Attachment Microplate, Individually Wrapped, with Lid, Sterile, Product Number 3474 | Τεμ | 3 |
| 63 | (+)-Tartaric acid, for analysis, AR, meets the specification of Ph. Eur., ≥99.5%, Fisher Chemical T/0250/53 | 500g | 1 |
| 64 | 2,5-Diphenyloxazole, pure, Scintillation counting, density (g/cm3) 1.06, Fisher Chemical D/4865/48 | 100g | 1 |
| 65 | Πιπέττες Pasteur γυάλινες 230mm, Kimble M4230NO250SP4 | Πακ/250 | 15 |
| 66 | Phosphate buffered saline, One tablet dissolved in 200 mL of deionized water yields 0.01 M phosphate buffer, 0.0027 M potassium chloride and 0.137 M sodium chloride, pH 7.4, at 25 °C, Sigma P4417 | Πακ/50 | 1 |
| 67 | Leupeptin trifluoroacetate salt ≥90% (HPLC), microbial, Inhibitor of serine and cysteine proteases. Inhibits plasmin, trypsin, papain, calpain, and cathepsin B, Sigma L2023 | 1mg | 1 |
| 68 | Pepstatin A microbial, ≥90% (HPLC),  inhibitor of acid proteases (aspartyl peptidases). Forms a 1:1 complex with proteases such as pepsin, renin, cathepsin D, bovine chymosin, and protease B (*Aspergillus niger*), Sigma P5318 | 5mg | 1 |
| 69 | Trizma® base Primary Standard and Buffer, ≥99.9% (titration), crystalline, Sigma T1503 | 1kg | 3 |
| 70 | Glycerol 87 % for molecular biology, DNases/RNases/Proteases: not detectable, from plants (non-animal origin), Applichem A3739 | 1lt | 1 |
| 71 | Ethylenediaminetetraacetic acid disodium salt dehydrate reagent grade, 98.5-101.5% (titration), Chelator of divalent cations. Inhibits enzymes, such as metalloproteases, that require divalent cations for activity, Sigma ED2SS | 1kg | 1 |
| 72 | Acrylamide suitable for electrophoresis, ≥99%, Sigma A8887 | 1kg | 1 |
| 73 | *N*,*N*′-Methylenebisacrylamide, powder, for molecular biology, for electrophoresis, ≥99.5%., Sigma M7279 | 250g | 1 |
| 74 | Brilliant Blue G 250, for microscopy, Protein stain for gel electrophoresis, Sigma 27815 | 25g | 1 |
| 75 | Acetic acid Puriss. p.a., ACS Reagent, Reag. ISO, Reag. Ph. Eur., ≥99.8%, Glacial acetic acid, Honeywell Fluka 33209 | 2,5lt | 2 |
| 76 | TWEEN® 20 BioXtra, viscous liquid, emulsifying agent for the preparation of stable oil-in-water emulsions, Sigma P7949 | 500ml | 1 |
| 77 | Ponceau S BioReagent, suitable for electrophoresis, Sigma P3504 | 10g | 1 |
| 78 | Trichloroacetic acid, extra pure, SLR, ≥99%, Fisher Chemical T/2950/53 | 500g | 1 |
| 79 | Λυχνία μικροσκοπίου LS-30 6V, 5A Bulb, Olympus | Τεμ | 2 |
| 80 | Coenzyme A trilithium salt, ≥93%, facilitates enzymatic acyl-group transfer reactions and supports the synthesis and oxidation of fatty acids, Sigma C3019 | 10mg | 1 |
| 8 | GE Healthcare, ECL™ Western Blotting Detection Reagents, Sigma GERPN2209 | Pkg of 1 kit | 1 |
| 82 | TRI Reagent®For processing tissues, cells cultured in monolayer or cell pellets, Sigma T9424 | 100ml | 1 |
| 83 | Anti-Chicken IgG F(ab′)2 antibody produced in rabbit affinity isolated antibody, 5mg/ml buffered aqueous solution, suitable for immunohistochemistry, indirect ELISA and Western Blotting, Sigma SAB3700180 | 5mg | 1 |
| 84 | cOmplete™, EDTA-free Protease Inhibitor Cocktail, protects proteins from a wide range of proteases, **COEDTAF-RO**Roche, Sigma 11873580001 | Vial of 20 tablets | 1 |
| 85 | METAFECTENE® PRO, **highly efficient transfection reagent for mammalian cells, SUITABLE** for DNA, mRNA, siRNA and miRNA transfection as well as cotransfection of DNA and RNA, Biontex T040-2.0 | 2 x 1ml | 1 |
| 86 | Peroxidase from horseradish Type II, essentially salt-free, lyophilized powder, 150-250 units/mg solid (using pyrogallol), for Western Blotting, ELISA and Immunohistochemistry, Sigma P8250 | 100kU | 1 |
| 87 | Acetoacetyl coenzyme A sodium salt hydrate cofactor for acyl transfer, Sigma A1625 | 10mg | 1 |
| 88 | Monoclonal ANTI-FLAG® M2 antibody produced in mouse clone M2, purified immunoglobulin, 10μg/ml buffered aqueous solution, suitable for Western Blotting, Sigma F3165 | 0,2mg | 1 |
| 89 | DC Protein Assay Reagents Package, Reagent pack for colorimetric assays, includes 250 ml alkaline copper tartrate, 2 L dilute Folin reagent, 5 ml surfactant solution; 450 assays, Biorad 5000116 | 450 assays | 1 |
| 90 | Amersham™ Protran® Western blotting membranes, nitrocellulose pore size 0.45 μm, roll W × L 300 mm × 4 m, Sigma GE10600002 | Pkg of 1 ea | 1 |
| 91 | Formaldehyde 37%, 23kg | Τεμ | 2 |
| 92 | Αναπλήρωση στήλης απιονισμού ZALION 2000 | Τεμ | 1 |
| 93 | Διοξείδιο του άνθρακα για χρήση σε επωαστικό κλίβανο | kg | 50 |
| 94 | Ethanol 70 % denatured with Ketones technical grade, Contains Bitrex 0.56 - 0.84 g/100 L, Panreac-Applichem 147196 | 5lt | 5 |
| 95 | Anti-Tet2 antibody, Rabbit polyclonal, **Reacts with:**Mouse, Human, Common marmoset, suitable for IHC-P, IP, ICC/IF, WB, Abcam ab94580 | 100μg | 1 |
| 96 | β-Glucosidase (Thermostable) (Thermotoga maritima) , High purity recombinant β-Glucosidase (thermostable) (Thermotoga  maritima) for use in research, biochemical enzyme assays and in vitro diagnostic analysis, Megazyme E-BGOSTM | 460 units | 1 |
| 97 | Serotonin hydrochloride, Crystalline powder, Soluble in water (17 mg/ml), methanol, ethanol (5.3 mg/ml), 0.1 M HCl (22 mg/ml), aqueous acid, and DMSO (100 mM), Santa Cruz sc-201146 | 100mg | 1 |
| 98 | Human Von Willebrand Factor (VWF) in vitro ELISA kit,  for the quantitative measurement of Human Von Willebrand Factor in plasma, serum, and cell culture supernatants, Abcam ab108918 | 1 x 96 tests | 1 |
| 99 | Anti-Secretory phospholipase A2 antibody, Rabbit polyclonal, **Reacts with:**Rat, Human, **Suitable for:**IHC-P, WB, IP, Abcam ab23705 | 100μl | 1 |
| 100 | Native Mushroom Tyrosinase, lyophilized powder, acticity: > 1000 unit/mg solid, 2KU/mg, Creative Enzymes NATE-0726 | 100mg | 1 |
| 101 | Anti-CD3 antibody [SP7], Rabbit monoclonal, **Reacts with:**Mouse, Rat, Human, Pig, **Suitable for:**Flow Cyt, IHC-Fr, IHC-P, WB, IHC-FoFr, Abcam ab16669 | 1ml | 1 |
| 102 | Anti-FOXP3 antibody [SP97], Rabbit monoclonal, **Reacts with:**Human, **Suitable for:**IHC-P, Abcam 99963 | 100μl | 1 |
| 103 | **TNNI3, cDNA Clone,** 0.01 mg Plasmid + 0.2 mL Glycerol-Stock, MyBioSource MBS1269866 | Τεμ | 1 |