

Materials List for:

Lipid Index Determination by Liquid Fluorescence Recovery in the Fungal Pathogen *Ustilago Maydis*

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Materials

| Name | Company | Catalog Number | Comments |
|-------------------------------|---|----------------|---|
| Spectrophotometer | Varioskan Lux multimode microplate reader | D5879 | Filter 493/503 or monochromator detector |
| Plate costar | Corning Inc. | 3615 | 96 well black-wall/clear bottom |
| Plate costar | Corning Inc | 3598 | 96 well cell culture plate costar |
| BODIPY 493/503 | Invitrogen/ ThermoFisher | D3922 | 4,4-difluoro-1,3,5,7,8-pentamethyl-4-bora-3a,4a-diaza-s-indacene |
| Formaldehyde solution | Sigma Aldrich | 252549 | ACS reagent, 37 wt % in H ₂ O, contains 10-15% methanol to prevent polymerization |
| Potassium iodide | Sigma Aldrich | 60399 | BioUltra, ≥ 99.5% (AT) |
| FB2 <i>Ustilago maydis</i> | ATCC | 201384 | Basidiomycete-Yeast |
| Sodium chloride | Sigma Aldrich | 746398 | ACS reagent, inorganic salt |
| Potassium phosphate monobasic | Sigma Aldrich | P0662 | ACS reagent |
| Select Yeast Extract | Sigma Aldrich | Y100 | Mixture of amino acids, peptides, water-soluble, vitamins and carbohydrates for culture media |
| N-Z case plus | Sigma Aldrich | N4642 | Casein enzymatic hydrolyzate from bovine milk |
| Glucose | Sigma Aldrich | G-8270 | D (+) glucose |
| Skaker flask | Pirex | CLS4450250-6EA | Borosilicate glass |
| Shaker | SEV México | INO650V-7 | Orbital shaker |
| Centrifuge table | Eppendorf | 5415C | Centrifuge |
| Microtubes | Sigma Aldrich | Z606340 | Eppendorf |
| Pipet tips | Axygen scientific | T-200-Y | Universal Pipet Tips with Bevelled End, 200 microliter, non sterile |
| mLine pipette | Biohit | 725130 | 8 channels, volume range 5-100 uL |