

Materials List for:

Iridium(III) Luminescent Probe for Detection of the Malarial Protein Biomarker Histidine Rich Protein-II

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Materials

| Name | Company | Catalog Number | Comments |
|---|--|----------------|----------|
| Dicholortetrakis(2-(2-pyridinyl)phenyl)diiridium(III) | Sigma-Aldrich | 658383 | |
| silver trifluoromethanesulfonate | Sigma-Aldrich | 176435 | |
| Silica gel | Sigma-Aldrich | 6858 | |
| L-Amino acids | Fisher Scientific | varies | |
| HEPES | Sigma-Aldrich | H3375 | |
| BNT-II peptide | Synthesized in house | N/A | |
| recombinant HRPII | Immunology Consultants Laboratory inc. | AGPF-55 | |
| Costar black polypropylene 96-well plate | Fisher Scientific | 07-200-567 | |
| Costar white polypropylene 96-well plate | Fisher Scientific | 07-200-589 | |
| Grenier black polypropylene 96-well plate | VWR | 89089-582 | |
| Ni(II)NTA magnetic agarose particles | Qiagen | 36111 | |
| Ni(II)NTA biolayer interferometry sensors | ForteBio | 18-5101 | |
| Octet Red96 Biolayer Interferometry Instrument | ForteBio | | |
| Biotek Synergy H4 Microplate Reader | Biotek | | |
| Fisher Biotech Transilluminator | Fisher Scientific | FBDLT-88 | |