

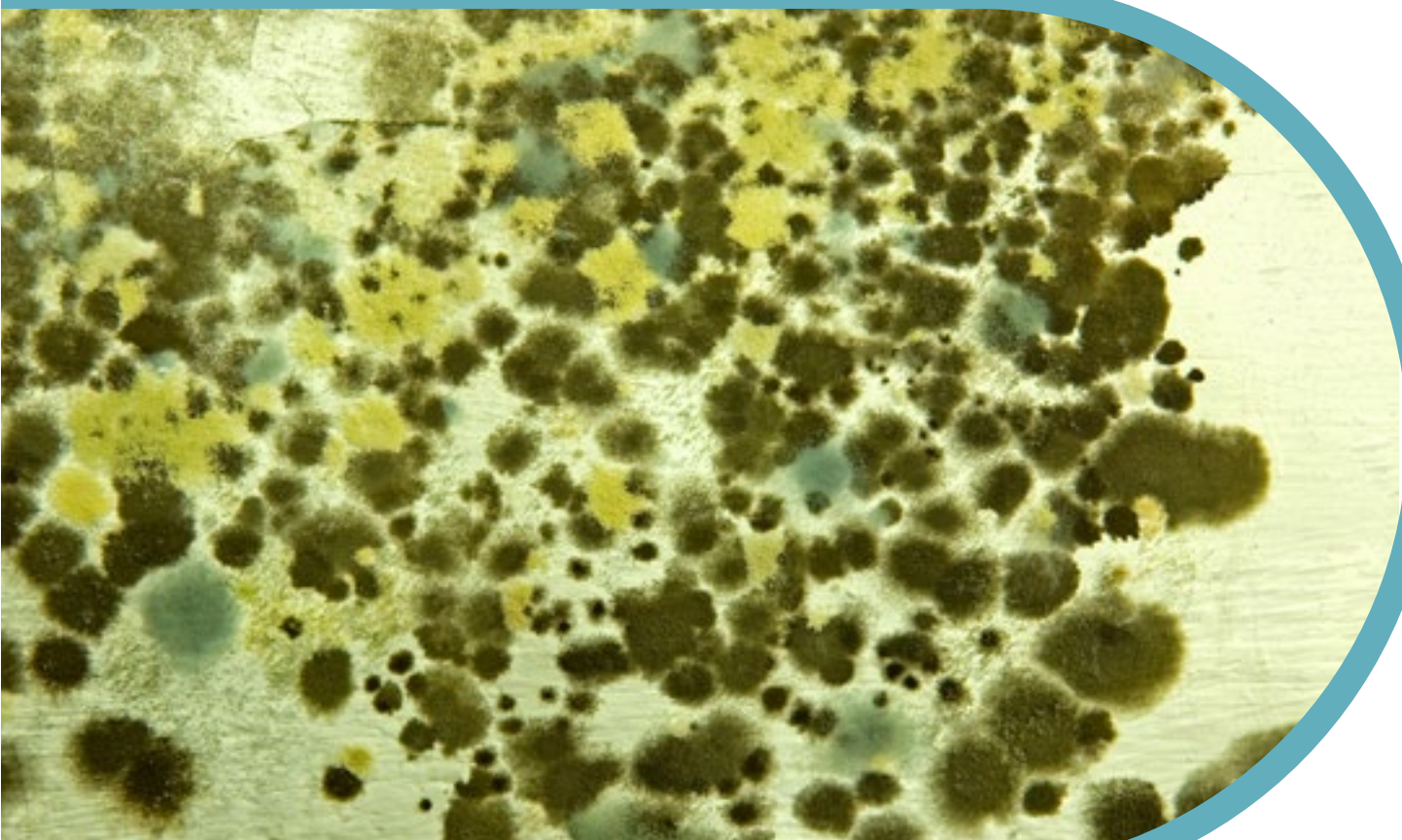


Antifungal reference materials

Antifungal (antimycotic) agents are used for prophylaxis and treatment of fungal, yeast and mould infections. These can range from superficial infections including athlete's foot, ringworm, vaginal thrush and fungal nail infections, through to the more serious invasive infections such as systemic candidiasis, pulmonary aspergillosis and cryptococcal meningitis.

These infections can be potentially lethal in immunocompromised patients such as those with HIV/AIDS or transplant recipients taking medications to suppress their immune system. The successful management of invasive fungal infections poses a difficult challenge to clinicians. Antifungal agents have important limitations in their spectrum of activity and can be associated with unpredictable bioavailability, significant pharmacokinetic variability, intolerance, considerable acute and chronic toxicity and potential for drug-drug interactions. Therapeutic Drug Monitoring can assist in optimising the efficacy and safety of certain antifungal therapy.

LGC now offer an extensive range of antifungal agents.



Reference materials

Product code	Description	Unit 1	Unit 2
Imidazoles			
TRC-B690273	Butoconazole Nitrate	10 mg	100 mg
TRC-B690272	Butoconazole (rac)-d5 Nitrate	1 mg	10 mg
LGCFOR0015.00	Clotrimazole	10 mg	
TRC-C587402	Clotrimazole-d5	1 mg	10 mg
LGCFOR0524.00	Econazole Nitrate	10 mg	
TRC-F279250	Fenticonazole Nitrate	100 mg	1 g
LGCFOR0541.00	Isoconazole Nitrate	10 mg	
LGCFOR0145.00	Ketoconazole	10 mg	
TRC-K186002	Ketoconazole-d8	2.5 mg	25 mg
TRC-L174500	Lanoconazole	10 mg	100 mg
TRC-L174502	Lanoconazole-d3	1 mg	10 mg
LGCFOR0074.00	Miconazole	10 mg	
TRC-M342502	Miconazole-d5 Nitrate	1 mg	10 mg
TRC-O846800	Oxiconazole Nitrate	10 mg	100 mg
TRC-S278500	Sertaconazole	10 mg	100 mg
TRC-S278502	Sertaconazole-d6	1 mg	10 mg

Triazoles			
TRC-A511450	Albaconazole	2.5 mg	25 mg
TRC-A511452	Albaconazole-d3	1 mg	10 mg
LGCFOR0235.00	Fluconazole	10 mg	
TRC-F421002	Fluconazole-d4	1 mg	10 mg
TRC-I777830	Isavuconazole	1 mg	10 mg
TRC-I777832	Isavuconazole-d4	1 mg	10 mg
LGCFOR0258.00	Itraconazole	10 mg	
TRC-I937502	Itraconazole-d5	1 mg	10 mg
TRC-H943600	Hydroxy Itraconazole	1 mg	10 mg
TRC-H943602	Hydroxy Itraconazole-d5	1 mg	10 mg
TRC-H943603	Hydroxy Itraconazole-d8	1 mg	10 mg
TRC-K195000	Keto Itraconazole	1 mg	10 mg
TRC-P689600	Posaconazole	1 mg	10mg
TRC-P689602	Posaconazole-d4	1 mg	10mg
TRC-B288660	O-Benzyl Posaconazole	1 mg	10 mg
TRC-B288662	O-Benzyl Posaconazole-d4	1 mg	10 mg
TRC-R128000	Ravuconazole	1 mg	10 mg
TRC-R128002	Ravuconazole-d4	1 mg	10 mg
TRC-V760000	Voriconazole	10 mg	100 mg
TRC-V760002	Voriconazole-d3	1 mg	10 mg
TRC-V760010	Voriconazole N-Oxide	1 mg	10 mg
TRC-V760012	Voriconazole-d3 N-Oxide	0.5 mg	5 mg

Product code	Description	Unit 1	Unit 2
Benzimidazoles			
T344150	Thiabendazole	1 g	10 g
T344152	Thiabendazole-d4 (Major)	1 mg	10 mg

Polyenes (ergosterol)			
TRC-A634250	Amphotericin B	500 mg	5 g
TRC-A168310	N-Acetyl Amphotericin B	2.5 mg	25 mg
TRC-N379100	Natamycin	25 mg	250 mg
TRC-N926000	Nystatin, >70%	10 mg	100 mg

Allylamines (sequalene monooxygenase inhibitors)			
TRC-B690195	Butenafine Hydrochloride	1 g	10 mg
TRC-N213100	Naftifine Hydrochloride	50 mg	500 mg
TRC-N213102	Naftifine-d3 Hydrochloride	1 mg	10 mg
LGCFOR0696.00	Terbinafine Hydrochloride	10 mg	
TRC-C182600	Carboxy Terbinafine	1 mg	10 mg
TRC-C182602	Carboxy Terbinafine-d7	2.5 mg	25 mg
TRC-C182610	Carboxy Terbinafine Methyl Ester	5 mg	50 mg
TRC-D294300	N-Desmethyl Terbinafine	1 mg	10 mg
TRC-D294302	N-Desmethyl Terbinafine-d7	2.5 mg	25 mg

Echinocandins (β-glucan synthase inhibitors)			
TRC-M342350	Micafungin	50 mg	
TRC-C184900	Caspofungin Acetate	50 mg	

Pyrimidine analogues (thymidylate synthase inhibitors)			
TRC-F589000	5-Fluoro Cytosine (Flucytosine)	2.5 g	25 g

Mitotic inhibitors			
LGCFOR0582.00	Griseofulvin	10mg	

Matrix materials

Product code	Description	Pack size
Plasma calibrators lyophilised		
Antimycotics ClinCal® Calibrator	Itraconazole, Hydroxy-itraconazole (Level 0-4)	5 x 1 x 1 ml
Plasma control lyophilised		
Antimycotics ClinChek® Control	Itraconazole, Hydroxy-itraconazole (Tri-level)	3 x 2 x 1 ml

Note: Please contact your local office for actual drug concentrations in the matrix materials as they may vary batch to batch.

Proficiency testing scheme

Analyte	Matrix	Distribution frequency	Samples
Proficiency testing scheme <i>Produced in collaboration with the UKNEQAS for Antibiotic Assays</i>			
Flucytosine	Serum	Monthly	1 x 1 ml

For information on other analytes included in our antibiotic proficiency testing scheme please visit www.lgcpt.com.

Contact us for information on our solvents and additives for clinical and forensics applications:

Brazil

Tel: +55 12 3302 5880
Email: bz@lgcstandards.com

Bulgaria

Tel: +359 (0)2 971 4955
Email: bg@lgcstandards.com

China

Tel: 800 810 4630 (toll-free)
Email: infochina@lgcgroup.com

Czech Republic

Tel: +48 22 751 31 40
Email: pl@lgcstandards.com

France

Tel: +33 (0)3 88 04 82 82
Email: fr@lgcstandards.com

Germany

Tel: +49 (0)281 9887 0
Email: de@lgcstandards.com

Hungary

Tel: +49 (0)281 9887 0
Email: de@lgcstandards.com

India

Tel: +91 (0)80 6701 2000
Email: in@lgcpromochem.com

Ireland

Tel: +44 7879556983
Email: ire@lgcstandards.com

Italy

Tel: +39 02 2412 6830
Email: it@lgcstandards.com

Middle East

Tel: +49 (0)281 9887 0
Email: de@lgcstandards.com

Netherlands

Tel: +31 (0)643 775 422
Email: nl@lgcstandards.com

Nordic countries

Tel: +49 (0)281 9887 0
Email: de@lgcstandards.com

Poland

Tel: +48 22 751 31 40
Email: pl@lgcstandards.com

Romania

Tel: +40 364 116890
Email: ro@lgcstandards.com

Russia

Tel: +7 812 777 04 88
Email: ru@lgcgroup.com

South Africa

Tel: +27 (0)11 466 4321
Email: info@industrialanalytical.co.za

Spain

Tel: +34 (0)93 308 4181
Email: es@lgcstandards.com

Turkey

Tel: +90 216 360 0870
Email: tur@lgcstandards.com

United Kingdom

Tel: +44 (0)20 8943 8480
Email: uksales@lgcstandards.com

USA + Canada

Tel: 1-855-LGC-USA1 (toll-free)
Email: lgcusa@lgcstandards.com

www.lgcstandards.com • askus@lgcstandards.com

 [@LGCStds_For](https://twitter.com/LGCStds_For)

Science for a safer world

Brazil • Bulgaria • China • Czech Republic • France • Germany • Hungary • India • Ireland • Italy • Netherlands
Nordic countries • Poland • Romania • Russia • South Africa • Spain • Turkey • United Kingdom • USA

