

Materials List for:

Measurement of Chitinase Activity in Biological Samples

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Materials

Name	Company	Catalog Number	Comments
4-methylumbelliferone	Sigma	M1381	Standard: commonly used in fluorimetric assays for determination of enzyme activity
4MU-GlcNAc2	Sigma	M9763	fluorescent chitinase substrate for use in mouse samples
4MU-GlcNAc3	Sigma	M5639	fluorescent chitinase substrate for use in human samples
Citric Acid-monohydrate			for use in McIlvain Buffer
Glycine			for use in Stop Buffer at a concentration of 0.3 M
Na ₂ HPO ₄ ·xH ₂ O			for use in McIlvain Buffer
NaOH			for use in Stop Buffer at a concentration of 12 g/L
Vision Plate: Non-sterile, untreated black 96 well plate	4titude	4ti-0224	