

Scottish Biologic Therapeutic Drug Monitoring Service – Gastroenterology Quick Reference Guide

The laboratory at QEUH uses ELISA based assays to measure drug and anti-drug antibodies.

The following analytes can be tested:

Infliximab	Drug Levels
	Total and free anti-drug antibody levels
Adalimumab	Drug levels
	Total and free anti-drug antibody levels

The recommended target trough concentrations for **drug levels** in luminal IBD are:

Analyte	Lower end of target range*	Upper end of target range*	Units
Adalimumab	5	10	ug/mL
Infliximab	3	8	ug/mL

* In some clinical scenarios, e.g. active Perianal Crohn's disease, trough drug levels higher than the specified upper end of target range may be desirable.

The following table provides advice on interpretation of **TOTAL anti-drug antibody** results from the Scottish TDM service lab:

Anti-drug antibody Titre (AU/ml)	Interpretation of Result
<10	NEGATIVE
>10 <40	Low titre positive
>40 <200	Moderate titre positive
>200	High titre positive

Electronic requesting of biologic TDM requesting via Trakcare is in development. In the meantime please print and complete the appropriate requesting document below:-

[INFLIXIMAB TDM REQUEST FORM](#)

[ADALIMUMAB TDM REQUEST FORM](#)

Please refer to the full gastroenterology guidance document on the [QEUH clinical biochemistry website](#) for further information or contact the laboratory on 0141 354 9060.