

Supplementary Table 4. Top 25 requested tests from 2005 to 2019, stratified by setting

Test	Total	General Practice		Inpatient		Outpatient	
	n	n	%	n	%	n	%
Full blood count	321,421	53,288	16.6	234,446	72.9	33,687	10.5
Urea and electrolytes	305,959	38,420	12.6	242,947	79.4	24,592	8.0
Liver function tests	250,612	38,183	15.2	188,658	75.3	23,771	9.5
C reactive protein	180,448	27,342	15.2	143,092	79.3	10,014	5.5
Calcium magnesium phosphate	154,806	11,842	7.6	131,150	84.7	11,814	7.6
Thyroid function tests	54,322	23,950	44.1	19,627	36.1	10,745	19.8
Coagulation tests	45,291	2,451	5.4	35,769	79.0	7,071	15.6
Erythrocyte sedimentation rate	35,200	13,271	37.7	15,515	44.1	6,414	18.2
Iron studies	29,576	13,283	44.9	9,541	32.3	6,752	22.8
IgA	28,838	12,335	42.8	9,656	33.5	6,847	23.7
Coeliac	24,804	11,890	47.9	7,309	29.5	5,605	22.6
HbA1c	18,769	4,620	24.6	9,543	50.8	4,606	24.5
Vitamin D	18,435	4,331	23.5	7,266	39.4	6,838	37.1
Medication level	14,401	301	2.1	13,516	93.9	584	4.1
Urine creatinine	12,998	1,040	8.0	8,742	67.3	3,216	24.7
Gentamicin level	10,629	19	0.2	10,560	99.4	50	0.5
Vitamin B12	10,478	5,570	53.2	3,193	30.5	1,715	16.4
CSF studies	9,835	68	0.7	9,469	96.3	298	3.0
Folate	9,825	5,281	53.8	2,849	29.0	1,695	17.3
Lipids	9,676	2,388	24.7	4,682	48.4	2,606	26.9
Amylase	8,108	640	7.9	6,614	81.6	854	10.5
IgG/IgM	7,992	1,135	14.2	4,455	55.7	2,402	30.1
Creatine Kinase	7,236	557	7.7	4,480	61.9	2,199	30.4
Parathyroid hormone	6,739	282	4.2	4,122	61.2	2,335	34.6
Monospot test	6,214	4,670	75.2	1,346	21.7	198	3.2