TABLE II—Continued

No.	Drug	Origin of AGP	F_{AGP}	F_{HSA}	n_{AGP}	K_{AGP} [M^{-1}]	n_{HSA}	K_{HSA} [M^{-1}]	Ref.
		By AGP-contaminated HSA samples		Dependent on HSA samples, 0.95–0.67		Dependent on HSA samples $(1.7–3.3) \times 10^5$		$(3 \times 10^4) - (2 \times 10^5)$	
		Addition of human AGP to rabbit serum	Decrease of free fraction after AGP addition						244
		Behringwerke	AGP concentration dependent, 0.19 → 0.57 (200 → 50 mg/100 ml)	1.0					78
XIII	Doxepin	Sigma	AGP concentration dependent, 0.26 → 0.69 (120 → 30 mg/100 ml)	HSA concentration dependent, 0.46 → 0.62 (5 → 8 g/100 ml)					362
XIV	Erythromycin	Behringwerke	0.45	0.91	1	3.5×10^4	$n_{HSA}K_{HSA} = 1 \times 10^5$		420
XV	Etidocaine	Commonwealth Serum Laboratory	0.07						357
		Not mentioned	0.17	Addition of AGP to plasma decreases free fraction from 0.128 to 0.064					410
XVI	Fentanil	Miles	AGP concentration dependent, 0.35 → 0.70 (150 → 50 mg/100 ml)	HSA concentration dependent, 0.50 → 0.96 (6 → 0.1 g/100 ml)					348
XVII	Fluphenazine	Own preparation and defatted by charcoal				2.6×10^5 (by drug displacement)			282
XVIII	Haloperidol	Behringwerke			2 and positive cooperativity	*Two sites* 7.5×10^4 and positive cooperativity			462
		Own preparation and defatted by charcoal				6×10^4 (by drug displacement)			462
XIX	Imipramine	Behringwerke	0.31	0.54					76
		Calbiochem	0.12	0.46					255
		Calbiochem	0.12	0.46	1.1	9.2×10^4	7	2.3×10^5	254
	Imipramine	Own preparation and defatted by charcoal			0.5 More sites at higher drug levels	Defatted 2.8×10^5 before defatting 1.5×10^5	0.2	1.1×10^5	282
		Behringwerke	0.30		1.1	2.43×10^5			363 364

		Behringwerke				*Two sites*			462
					1 and 2	2.2×10^5 and 4.8×10^4			135
XX	Ketamine, -	Sigma	AGP concentration dependent, 0.79 → 0.90 (100 → 50 mg/100 ml)	HSA concentration dependent, 0.72 → 0.79 (5 → 3 g/100 ml)					197
XXI	Lidocaine	Gift from others	0.77						410
		AGP added to plasma	Addition of AGP (50 mg/100 ml) to serum decreases free fraction from 0.29 to 0.15						
		AGP added to cord serum	Addition of AGP (200 mg/100 ml) to plasma decreases free fraction from 0.36 to 0.14						411
		Plasma deficient in AGP (!!)	Addition of AGP to cord serum decreases free fraction from 0.44 to 0.25 which is in same range as found in serum of adults						
			Removal of AGP from plasma increases free fraction from 0.3 to 0.8						262
XXII	Loxapine	Own preparation				2.4×10^6 (by drug displacement)		$n_{HSA}K_{HSA} = 3.2 \times 10^5$	7
XXIII	Methadone	Sigma	0.2	0.84	0.33 and 8.4	*Two sites* 4×10^4 and 6.2×10^5			436
		Own preparation	AGP concentration dependent, 0.69 → 0.92 (200 → 67 mg/100 ml)	0.64					
			Addition of isolated AGP to plasma or a solution of HSA decreased free fraction with increasing AGP concentration						42, 43
XXIV	Metoprolol	Behringwerke	0.99	0.85					967
			$F_{AGP+HSA} = 0.80$, lower than in serum						
XXV	Meperidine	Behringwerke	AGP concentration dependent, 0.80 → 0.96 (60 → 20 mg/100 ml)	0.82					242
		Gift from others	0.68	0.69					491
XXVI	Mianserin	Sigma	Drug concentration dependent, 0.25 → 0.73 (10^{-5} M → 6×10^{-4} M)	Drug concentration dependent, 0.58 → 0.80	1.25 and 5.8	*Two sites* 1.14×10^5 and 3.37×10^3	0.85 and 3.7	*Two sites* 1.28×10^4 and 2.33×10^3	433
					0.94	1.84×10^6	1.3	6.1×10^3	
XXVII	Nicergoline	Own preparation			0.94	2.16×10^4			
		Desialylated AGP			0.94	1.12×10^7			
		Carboxymethylated AGP			0.94	0.61×10^7			
		Desialylated and carboxymethylated AGP							

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TABLE 11—Continued

No.	Drug	Origin of AGP	F_{AGP}	F_{HSA}	n_{AGP}	K_{AGP} [M^{-1}]	n_{HSA}	K_{HSA} [M^{-1}]	Ref.
						Two sites	5.2	4.4×10^5	83
XXVIII	Nortriptyline	Behringwerke			0.97 and 0.97	1.2×10^6 and 2×10^4			82
		Behringwerke	0.32	0.42					42, 43
			$F_{AGP+HSA} = 0.185$						
XXIX	Oxprenolol	Behringwerke	0.23	0.78					44
			$F_{AGP+HSA} = 0.12$						
			Same as in serum						
		Sigma	0.25	0.80					
						Two sites			195
					0.2 and not mentioned	1.9×10^6 and not mentioned			83
XXX	PCR 2362	Behringwerke		0.18	3	3.3×10^4		$n_{HSA}K_{HSA} = 7.1 \times 10^5$	
XXXI	Perazine	Behringwerke				*Two sites*		*Two sites*	
					0.97 and 3.9	7.2×10^5 and 7.4×10^3	2 and 6	4.3×10^3 and 4.1×10^2	480
						3.8×10^3 (by drug displacement)			
		Not mentioned							82
		Behringwerke	0.069	0.114					
			$F_{AGP+HSA} = 0.045$						
			Same as in serum						
		Behringwerke							462
						Two sites			
					1 and 4	3.8×10^5 and 4.2×10^3			
									190
XXXII	Phencyclidine	Gift from others	0.36	0.76					
		Sigma	AGP concentration dependant, 0.90 → 0.60 (200 → 30 mg/100 ml)	0.81		1.74×10^4			390
			$F_{AGP+HSA} = 0.25 \rightarrow 0.54$						
		Sigma	0.87	0.87					
		Calbiochem							31
					In mixture of AGP and HSA enhanced affinity to AGP, 7.72×10^4				
									460
XXXIII	Phenothiazin derivatives	Not mentioned				For different derivatives between $(0.4–11) \times 10^4$ (by drug displacement)			
						two sites			
XXXIV	Perphenazine	Sigma	Drug concentration dependent 0.15 ($<10^3$ ng/ml) 0.60 ($>10^3$ ng/ml)	0.27	0.5 and 1.0	3.4×10^5 and 1×10^4		$n_{HSA}K_{HSA} = 4.5 \times 10^3$	551
			0.70	0.82					42, 43
			$F_{AGP+HSA} = 0.44$, same as in serum						
XXXV	Pindolol	Behringwerke	Drug concentration dependent 0.35 ($<5 \times 10^3$ ng/ml) 0.90 ($>5 \times 10^3$	0.82	1.4	7.1×10^4			305