Template	Polymer matrix	Equilibrium association constant K_A [M^{-1}]		Number of binding sites B_{max} [µmol/g dry polymer]		Reference
		High affinity	*Low affinity*	*High affinity*	*Low affinity*	
cortisol	MAA/EDMA	1.75×10^6 [a]	629 [a]	0.21 ± 0.05	280 ± 120	Ramström et al. (1996) [122]
corticosterone	MAA/EDMA	8.13×10^5 [a]	1.19×10^3 [a]	0.37 ± 0.12	130 ± 60	Ramström et al. (1996) [122]
17ß-Estradiol	MAA/TRIM	$0.469 \times 10^6 \pm 0.108 \times 10^6$	$1.03 \times 10^4 \pm 0.19 \times 10^4$	2.98 ± 0.75	700 ± 80	Ye et al. (1999) [104]
theophylline	MAA/TRIM	$3.13 \times 10^6 \pm 0.72 \times 10^6$	$2.02 \times 10^4 \pm 0.47 \times 10^4$	56.8 ± 11.8	2120 ± 340	Ye et al. (1999) [104]
theophylline	MAA/EDMA	2.86×10^6 [a]	1.54×10^4 [a]	0.016	1.3	Vlatakis et al. (1993) [103]
diazepam	MAA/EDMA	5.56×10^7 [a]	1.67×10^4 [a]	0.0062 ± 0.0024	1.2 ± 1.0	Vlatakis et al. (1993) [103]
4-NP	4-VP/EDMA	2.2×10^4	197	0.44	8.24	Janotta et al. (2001) [30]
morphine	MAA/EDMA	1.09×10^7 (in organic solvent) [a] 8.33×10^5 (in aqueous buffer)	1.12×10^5 (in organic solvent) [a] 4.17×10^4 (in aqueous buffer)	1.2 ± 0.7 (in organic solvent) 0.78 ± 0.17 (in aqueous buffer)	39 ± 3.4 (in organic solvent) 6.9 ± 0.7 (in aqueous buffer)	Andersson et al. (1995) [105]
leu-enkephaline	MAA/EDMA	7.7×10^6 (organic solvent) [a] 1.0×10^7 (in aqueous buffer)	2.3×10^4 (in organic solvent) [a] 2.3×10^3 (in aqueous buffer)	0.017 ± 0.005 (in organic solvent) 0.0038 ± 0.0018 (in aqueous buffer)	1.0 ± 2.1 (in organic solvent) 36 ± 6 (in aqueous buffer)	Andersson et al. (1995) [105]
Boc-L-Phe-OH	MAA/EDMA	159 [a]		28		Kempe and Mosbach (1991) [87]
Boc-D-Phe-OH	MAA/EDMA	123 [a]		28		Kempe and Mosbach (1991) [87]
vancomyzin	Cyclodextrin-vinyl/MBAA	640		44		Asanuma et al. (2001) [123]
metsulfuron-methyl	TFMAA/DVB	3.10×10^4 [a]	588 [a]	9.8	62.9	Zhu et al. (2002) [91]
testosterone	MAA/EDMA	0.94×10^3 (UV) 1.28×10^3 (HPLC)		1.6 (UV) 2.5 (HPLC)		Cheong et al. (1998) [124]

Table 9: Overview on the binding affinity and the binding capacity of MIPs and antibodies for selected examples (**a**: K_A-values calculated from the equilibrium dissociation constant K_D using the equation: $K_A = 1/K_D$).

Antibody against	Equilibrium association constant K_A [M^{-1}]	Reference
nitrophenol	1.0×10^7 - 1.0×10^8	Mariuzza and Strand (1981) [125]
ß-estradiol	5.6×10^9	Raam and Cohen (1980) [126]
theophylline	2×10^7	Locascio-Brown et al. (1993) [127]
tetrodotoxin	0.98×10^8	Zhou et al. (2009) [128]
aflatoxin	1×10^9	Groopman et al. (1984) [129]