

# Anti-h CEA clones

## Product data

Product name	Product code	Class	Affinity (l/mol)	Method	Buffer
Anti-h CEA 5905 SP-1	100044	IgG <sub>1</sub>	5.0 x 10 <sup>10</sup>	RIA	SP
Anti-h CEA 5909 SP-1	100046	IgG <sub>1</sub>	3.0 x 10 <sup>10</sup>	RIA	SP
Anti-h CEA 5910 SPTN-5	100047	IgG <sub>1</sub>	1.0 x 10 <sup>11</sup>	RIA	SPTN6.0
Anti-h CEA 5911 SP-1	100048	IgG <sub>1</sub>	1.5 x 10 <sup>10</sup>	RIA	SP
Anti-h CEA 5912 SP-1	100049	IgG	3.9 x 10 <sup>9</sup>	RIA	SP

Antibody classes, sub-classes and affinities are determined during the development phase of the products. They are not determined from each purification lot and therefore they should be taken only as indicative. Obtained affinity values are dependent on the used method and antigen material. Composition of different buffers are:

SP	0.9% NaCl	SPR	37 mM citrate, 125 mM phosphate, pH 6.0
SPRN6.0	37 mM citrate, 125 mM phosphate, pH 6.0, 0.9% NaCl	SPTN	50 mM Na-citrate, 0.9% NaCl, pH 5.5, 6.0, 6.5 or 7.0
SPRN6.5	29 mM citrate, 142 mM phosphate, pH 6.5, 0.9% NaCl	SPTNE	50 mM Na-citrate, 0.9% NaCl, 25% ethylene glycol

Number in product name indicates the concentration of the product as mg/ml (+/- 10% )

Unless otherwise indicated all products contain 0.095% Na-azide. Sodium azide is harmful if swallowed.

**Note:** Ethylene glycol is toxic if swallowed.

## Pair recommendations

Solid	Label	Notes
5909	5905, 5910	

## Notes

Clone 5905 has slight cross-reactivity with NCA and NCA2 and therefore it should be used together with a CEA-specific antibody. Clone 5909 is CEA specific and it has no cross-reactivity with NCA, NCA2 or BGPI. Clone 5910 has no cross-reactivity with NCA.

## References

Bhayana, V., and Diamandis, E.P., (1989) A double monoclonal time-resolved immunofluorometric assay of carcinoembryonic antigen in serum. Clin. Biochem., 22:433-438

Hammarström, S. et al., (1989) Antigenic sites in carcinoembryonic antigen. Cancer Res. 49:4852-4858

## Legal disclaimer

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