4 SERVALYT™ Carrier Ampholytes

SERVALYT™ carrier ampholytes are low molecular weight molecules of zwitterionic character. They are a mixture of synthetically derived species of average molecular weight distribution of 400 to 1000 dalton and comprise a multitude of varying pI values. In agarose and polyacrylamide gels containing ampholytes, a linear pH gradient will be formed when an electric field is applied - the ampholyte molecules »carry« a net charge and thus migrate in the electric field between the electrodes as long as they will reach the position of corresponding pI. They will stop moving then and form small plateaus (stationary stacks).

SERVALYT™	2 ml Cat. No.	10 ml Cat. No.	25 ml Cat. No.	100 ml Cat. No.
2–4	–	42902.01	42902.02	–
2–9 Seed Mix	–	42935.01	42935.02	42935.03
2–11	–	42900.01	42900.02	–
3–4	–	42922.01	42922.02	–
3–5	42903.04	42903.01	42903.02	–
3–6	42944.04	42944.01	42944.02	–
3–7	–	42945.01	42945.02	–
3–10	42940.04	42940.01	42940.02	–
3–10 IsoDalt	42951.04	42951.01	42951.02	–
4.2–4.9	–	42926.01	42926.02	–
4–5	–	42923.01	42923.02	–
4–6	42904.04	42904.01	42904.02	–
4–7	42948.04	42948.01	42948.02	–
4–9 T	–	42910.01	42910.02	42910.03
5–6	–	42924.01	42924.02	–
5–7	42905.04	42905.01	42905.02	–
5–8	42949.04	42949.01	42949.02	–
5–9	–	42950.01	42950.02	–
6–7	–	42925.01	42925.02	–
6–8	42906.04	42906.01	42906.02	–
6–9	42913.04	42913.01	42913.02	–
7–9	42907.04	42907.01	42907.02	–
8–10		42911.01	42911.02	
9–11	–	42909.01	42909.02	–

- **SERVALYT™ 4.2-4.9 for phenotyping alpha-1-antitrypsin by hybrid IEF**
- **High resolution due to multimeric composition**
- **Clear background because of very low unspecific binding of dyes and stains**