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## GradiSpec™ Reagent Kits

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### PRODUCT DESCRIPTION

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**GradiSpec Reagents** line of fixed density extraction media provides robust, well-defined fractionations. These reagents facilitate the use of the Edge™ 200 Separation System and are available in kits which:

- contain highly accurate, defined sucrose concentrations in buffered solutions
- are sterile and stable at room temperature
- have extended shelf-life times prior to first use
- provide easy instructions for making additional highly accurate density solutions from the solutions provided

**GradiSpec™ Discovery Reagent Kit** contains 12 bottles (10ml/bottle) of sterile buffered solutions with the following nominal sucrose composition: 8.5%, 10%, 15%, 20%, 25%, 30%, 35%, 40%, 45%, 50%, 55%, 60% (w/w)

**GradiSpec™ Light Reagent Kit** contains 7 bottles (10ml/bottle) of sterile buffered solutions with the following nominal sucrose composition: 8.5%, 10.0%, 15.0%, 20.0%, 25.0%, 30.0%, 35.0% (w/w)

**GradiSpec™ Heavy Reagent Kit** contains 7 bottles (10ml/bottle) of sterile buffered solutions with the following nominal sucrose composition: 8.5%, 35%, 40.0%, 45.0%, 50.0%, 55.0%, 60.0% (w/w)

**GradiSpec™ 8.5 Reagent Kit** contains 6 bottles (10ml/bottle) of 8.5% (w/w) sterile buffered solutions

**GradiSpec™ 10 Reagent Kit** contains 6 bottles (10ml/bottle) of 10% (w/w) sterile buffered solutions

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### TECHNICAL SPECIFICATIONS

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**Ingredients:** DI water, Sucrose, HEPES, Potassium Chloride

**Storage Temperature:** Stable when stored at room temperature (18°C to 26°C) while unopened. Once opened, store at 4°C.

**Shelf-life:** 6 months if not opened. 30 days once opened and stored at 4°C.

**Note:** This reagent kit is for laboratory research use only. It is not intended for use in diagnostics, food, drug, household and other uses.

MSDS available

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### PRODUCT ORDER INFORMATION

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Part Number	Description	Quantity
PB-203D	GradiSpec™ Discovery Reagent Kit	12 Bottles
PB-203L	GradiSpec™ Light Reagent Kit	7 Bottles
PB-203H	GradiSpec™ Heavy Reagent Kit	7 Bottles
PB-207	GradiSpec™ 8.5 Reagent Kit	6 Bottles
PB-208	GradiSpec™ 10 Reagent Kit	6 Bottles

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## To Make 1 Gram of a New w/w% Solution from GradiSpec™ Solutions

Desired Sucrose Concentration w/w %	Mix the Standard GradiSpec Solutions in the Indicated Mass Amounts										
	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%
11%	800mg	200mg									
12%	600mg	400mg									
13%	400mg	600mg									
14%	200mg	800mg									
16%		800mg	200mg								
17%		600mg	400mg								
18%		400mg	600mg								
19%		200mg	800mg								
21%			800mg	200mg							
22%			600mg	400mg							
23%			400mg	600mg							
24%			200mg	800mg							
26%				800mg	200mg						
27%				600mg	400mg						
28%				400mg	600mg						
29%				200mg	800mg						
31%					800mg	200mg					
32%					600mg	400mg					
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