

**HEM\***

# 2025

## PRODUCT CATALOGUE



ISO 13485:2016 – FDA - CFG

## HEM\* PRP

From the first PRP generation till nowadays trends, HEM\* has absorbed many doctors advices, distributors feedbacks and regulatory guidance, till today, 2024, the 8th generation HEM\* PRP product line has: HEM\* PRP; HEM\* L-PRP; HEM\* PRP(without anticoagulant); HEM\* U-PRF and HEM\* Trim ax Series to apply in different application senarios.



TABLE Cellular Data\*

PRP Kit	Cell Type	Mean, $\times 10^9/L$	Median, $\times 10^9/L$	Min, $\times 10^9/L$	Max, $\times 10^9/L$
Control	Platelets	269	290	154	362
	WBC	8.73	8.9	4.9	12.4
	RBC	4.7	4.5	4.4	5.2
R LPRP	Platelets	833	805	639	1057
	WBC	28.4	28.2	22.07	35.1
	RBC	0.0333	0	0	0.1
HEM*	Platelets	955	1109	502	1254
	WBC	31.4	35.2	20.7	38.5
	RBC	0.96	1.0	0.7	1.2

\*RBC, red blood cell count; WBC, total white blood cell count.

## HEM\* L-PRP

### Additive: Anticoagulant+ Gel

HEM\* L-PRP is intended to collect the PRP with Leukocytes.



SKU NO	VOLUME	SPECIFICATION
HEM-LPRP Tube-08	8ml	16 x 100mm
HEM-LPRP Tube-10	10ml	16 x 120mm
HEM-LPRP Tube-12	12ml	16 x 125mm
HEM-LPRP Tube-20	20 ml	22 x 118mm
HEM-LPRP Tube-30	30 ml	30 x 120 mm

## HEM\* P-PRP

### Additive: Anticoagulant+ Gel

HEM\* P-PRP is intended to collect the Pure PRP without Leukocytes.



SKU NO	VOLUME	SPECIFICATION
HEM-PRP Tube-08	8ml	16 x 100mm
HEM-PRP Tube-10	10ml	16 x 120mm
HEM-PRP Tube-12	12ml	16 x 125mm
HEM-PRP Tube-20	20 ml	22 x 118mm
HEM-PRP Tube-30	30 ml	30 x 120 mm

## HEM\* PRP (Without Anticoagulant)

### Additive: Separation Gel

HEM\* PRP (without Anticoagulant) is intended to collect the PRP in coagulated form.



SKU NO	VOLUME	SPECIFICATION
HEM-PRP Tube/N-05	5ml	16 x 100mm
HEM-PRP Tube/N-08	8ml	16 x 100mm
HEM-PRP Tube/N-10	10ml	16 x 120mm
HEM-PRP Tube/N-12	12 ml	16 x 125mm
HEM-PRP Tube/N-20	20 ml	22 x 118mm
HEM-PRP Tube/N-30	30 ml	30 x 120mm

## HEM L-PRP 20ML

**Additive:** Anticoagulant+ Gel  
**HEM L-PRP** is intended to collect the PRP with Leukocytes in large volume.



SKU NO	VOLUME	SPECIFICATION
HEM-LPRP Tube-20	20ml	20 x 118mm

## HEM\* L-PRP 30ML

**Additive:** Anticoagulant+ Gel  
**HEM\* L-PRP** is intended to collect the PRP with Leukocytes in large volume.



SKU NO	VOLUME	SPECIFICATION
HEM-LPRP Tube-30	30ml	30 x 120mm

## PRP KIT

**PRP KIT** is intended to collect the PRP with Leukocytes.



SKU NO	SKU NO
HEM-PRP Kit-08A	HEM-PRP Kit-08B
HEM-PRP Kit-08C	HEM-PRP Kit-08D
HEM-PRP Kit-10A	HEM-PRP Kit-10B
HEM-PRP Kit-10C	HEM-PRP Kit-10D
HEM-PRP Kit-12A	HEM-PRP Kit-12B
HEM-PRP Kit-12C	HEM-PRP Kit-12D
HEM-PRP Kit-20A	HEM-PRP Kit-20B
HEM-PRP Kit-20C	HEM-PRP Kit-20D
HEM-PRP Kit-30A	HEM-PRP Kit-30B
HEM-PRP Kit-30C	HEM-PRP Kit-30D

## HU - PRF

**Additive:** No additive

HU-PRF is intended to combine use with Centrifuge HBHM10 to collect PRF-Gel, PRF-Fluid or CGF.

One tube under different settings can collect different results.



SKU NO	VOLUME	SPECIFICATION
HEM-PRF Tube-05	5ml	16 x 100mm
HEM-PRF Tube-08	8ml	16 x 100mm
HEM-PRF Tube-10	10ml	16 x 100mm
HEM-PRF Tube-12	12 ml	16 x 120mm
HEM-PRF Tube-20	20 ml	22 x 118mm
HEM-PRF Tube-30	30ml	30 x 120mm

## HEM\* ACTIVATOR PRP

**Additive:** Gel+ Anticoagulant+ Activator

**HEM-Activator-PRP** is intended to collect Pre-Activated PRP in one closed system to avoid contamination to zero.

Activation of PRP will happen 15 minutes after centrifugation.



SKU NO	VOLUME	SPECIFICATION
HEM ACT-PRP T10	10ml	16 x 120mm

## HEM\* HAIR PRP

**Additive:** Gel+ Anticoagulant+ Biotin

**HEM-Hair-PRP** is intended to collect the PRP and Hair Ficoll activator in one closed system to prevent contamination.

Activation of PRP will occur 20 minutes after centrifugation.



SKU NO	VOLUME	SPECIFICATION
HEM HR-PRP T10	10ml	16 x 120mm

## HEM\* HA PRP



Additive: Anticoagulant + Gel + HA

**HEM\* HA-PRP** is intended to collect mixture of PRP and Hyaluronic Acid in one closed system by one step.

SKU NO	VOLUME	SPECIFICATION
HEM-HA PRP Tube-10	10ml	16 x 120mm

## HEM\* DNA TUBE

The Cell-Free DNA Collection Tube is for the collection, stabilization and transportation of wholeblood specimens. It effectively prevents blood coagulation, prevents cell lysis and preserves nucleated cells to enable efficient analysis of cell-free DNA (cfDNA).



### SKU NO

HEMDNA85

### VOLUME

10ml

### SPECIFICATION

16 x 120mm

For Research Use only\*

## HEM\* RNA TUBE

**The Cell Free RNA TUBE** The additive effectively inhibits plasma RNases, stabilize plasma free RNA, and prevent blood cells from releasing non-target background RNA and RNases. It is mainly used to stabilize and isolate total RNA from whole blood for gene expression analysis.



### SKU NO

HEMRNA85

### VOLUME

2.5ml

### SPECIFICATION

16 x 120mm

For Research Use only\*

## HEM\* CPT TUBE

HEM\* CPT Tube is mainly used in medical professionals and scientific research units for the extraction of mononuclear cells.

### Description:

1. CPT Cell Preparation tubes are an evacuated blood collection tube system containing 0.1 M sodium citrate anticoagulant and the blood separation media composed of a thixotropic polyester gel and cell separation solution;
2. Closed Sterilized system;
3. One-step operation;
4. Standardized operation method to minimize the errors caused by human factors.



Additive: Anticoagulant + Gel + Ficoll solution

SKU NO	VOLUME	SPECIFICATION
HEM-CPT08	8ml	16 x 120mm

For Research Use only\*

# CENTRIFUGE

## TECHNICAL PARAMETERS

HEMM7



HEMM9



HEMM10



### ROTOR TYPE

Angle Rotor

8 cups

8-15ml Tube

### SWING ROTOR

4 cups

8-50ml Tube

### ANGLE ROTOR

8 cups

8-15ml Tube

### TUBE SIZES



8ml

10ml



8ml

10ml

20ml

30ml



10ml

10ml

10ml

Max Speed

4000r/min

4000r/min

4000r/min

Max RCF

1980 x g

2500 x g

1980 x g

Max Capacity

15ml x 8 cups

50ml x 4 cups

15ml x 8 cups

Net Weight

8Kg

14.5Kg

11.5Kg

Dimension (L×W×H)

265 × 305 × 205mm

364 × 440 × 268mm

370 × 320 × 235mm

Power Supply

110V 50/60Hz or  
220V 50/60Hz

110V 50/60Hz or  
220V 50/60Hz

110V 50/60Hz or  
220V 50/60Hz

Range of Time

1 ~ 99min

1 ~ 99min

1 ~ 99min

Speed Accuracy

±50r/min

±30r/min

±20r/min

Noise

< 68dB(A)

< 62dB

< 62dB(A)

# PLASMA GEL MAKER



## 4th Gen Plasma Gel Maker

HEMGMP

Gel Maker is intended to prepare Plasma Gel.

VOLTAGE	HEATING RANGE	CAPACITY	WARRANTY
110V - 220V 50Hz	10°C ~ 90°C	10 syringes	2 years

TIME RANGE	RATED POWER	SIZE	WEIGHT
1~99min	260W	330 × 220 × 130mm	5 KG



## Key Improvement

1

### NEW DESIGN HOLE LID

This Hole Lid Strip prevents dust from entering into the holes.

2

### LIGHTER WEIGHT

Only 5KG.  
(35% less weight than the 3rd generation)

3

### EASY TO OPERATE

Heating and cooling in one machine.

HEM  
ASTRA

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