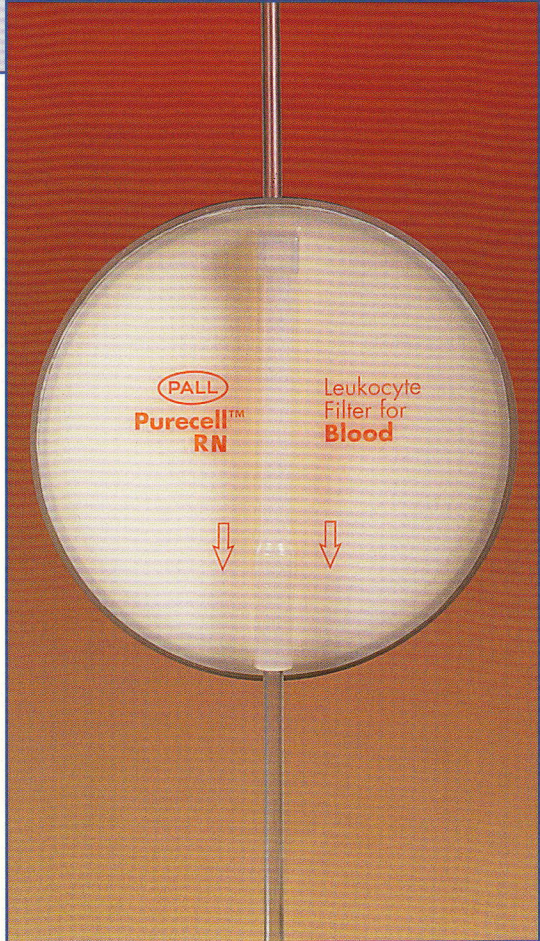


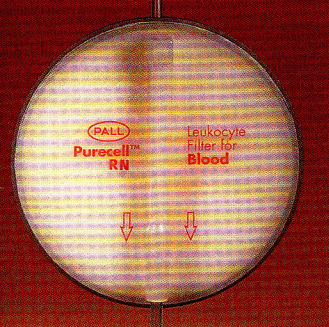


Medical

PALL *Purecell* RN High Efficiency Leucocyte Removal Filter for Red Cells



- Clinically proven media technology
- Easy prime technology
- Enhanced ease of use
- Unique needleless access port
- High efficiency leucocyte removal
- High red cell recovery
- Minimal filter hold-up volume



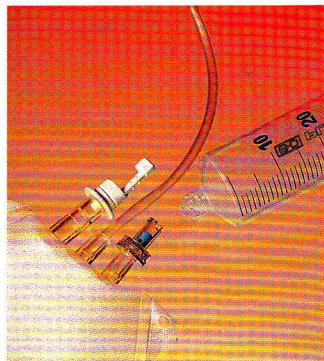
Pall **Purecell** RN

High Efficiency Leucocyte Removal Filter for Red Cells

Benefits

- Clinically proven media technology protects the patient against transfusion associated complications such as microaggregates, Cytomegalovirus, immunosuppression and alloimmunisation (*).
- Easy to use technology which provides priming by gravity or rapid priming by squeezing the blood bag.
- Proven to consistently and efficiently deliver low leucocyte residuals, affording the maximum patient protection against leucocyte related transfusion complications (consistently averaging less than 2×10^5 for aliquots of approximately 60mL and/or less than 5×10^5 for aliquots from approximately 60 - 150 mL).
- High technology filtration media and minimal filter hold-up volume (12 mL) provides minimal loss of red cells without the need for saline flushing.
- Primes directly with red cells quickly and conveniently without the need for priming with saline.
- Provided with a needleless adaptor to reduce the risk of needle stick injury.

(*) Data available upon request from Pall Medical



Needleless port on bag with syringe.

Performance Summary

The residual WBC level after filtration of approximately 60mL of red cells through a **Pall Purecell** RN filter consistently averages less than 2×10^5 /aliquot.

The residual WBC level after filtration of approximately 60mL to 150mL of red cells through a **Pall Purecell** RN filter consistently averages less than 5×10^5 /aliquot.

RC Additive	Blood Age (Days)	Pre Filtration WBC /Aliquot	Aliquot Volume (mL)	Post Filtration WBC Aliquot	Aliquot Volume (mL)	Post Filtration WBC Aliquot
SAGM + BC	3	1.62×10^6	60	5.97×10^3	141	1.97×10^5
	3	1.66×10^6	66	5.95×10^4	142	1.71×10^5
	3	7.86×10^6	62	1.83×10^4	148	8.90×10^4
	3	7.75×10^6	63	$<6.28 \times 10^3$	130	7.39×10^4
	3	1.17×10^6	63	1.14×10^5	151	2.60×10^5
	3	9.21×10^6	63	1.08×10^5	130	1.21×10^5
	3	1.48×10^6	55	5.47×10^3	136	3.88×10^4
	3	9.96×10^6	55	5.51×10^3	134	1.23×10^5
	3	8.91×10^6	56	5.61×10^3	134	1.61×10^5
	3	1.89×10^6	60	3.60×10^4	138	7.85×10^5
SAGM-BC	3	1.85×10^6	60	3.60×10^4	134	2.94×10^5
	3	8.93×10^7	60	$<6.00 \times 10^3$	118	7.10×10^4
	3	9.32×10^7	60	6.00×10^3	125	3.38×10^5
	3	1.38×10^6	60	6.00×10^3	125	1.25×10^5
	3	1.50×10^6	60	1.20×10^4	128	1.02×10^5
	3	3.62×10^6	60	7.20×10^4	117	5.37×10^5
	3	3.56×10^6	60	3.60×10^4	115	3.00×10^5
	3	1.66×10^6	60	1.80×10^4	130	2.60×10^5
	3	1.40×10^6	60	1.80×10^4	108	1.84×10^5
	3	3.74×10^6	60	6.00×10^3	90	8.10×10^4
CPDA-1	3	4.96×10^6	60	9.00×10^5	90	2.27×10^6
	3	2.58×10^6	60	1.80×10^4	120	1.92×10^5
	3	2.76×10^6	60	6.00×10^3	150	3.00×10^5
	3	2.70×10^6	60	$<6.00 \times 10^3$	150	2.40×10^5
GROUP MEAN				$<0.62 \times 10^5$		3.84×10^5
Mean post. filtration volume (mL) $\times 1000 \times$ Total number of WBC counted				Total undiluted volume (μ L)		

- WBC count post filtration was determined using a manual counting method (Nageotte Chamber)
Blood was filtered at gravity flow
Blood was stored at 4°C and left for 10 minutes at room temperature before filtration

Ordering information

Description	Reorder No.	Packaging
PALL Purecell RN High Efficiency Leucocyte Removal Filter for Red Cells	RN1	20 per case



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