

# PIPETTE TIPS FEATURES

All Tips are manufactured from ultra pure USP Class VI certified virgin polypropylene to ensure the highest quality. Free from heavy metals, natural rubber & inhibitory plasticizers

Free from Bacteriostatic & Fungistatic property

Precise graduation mark for error free pipetting

The use of the latest injection moulding processes produces high-precision, thin walled tips with high clarity for better visibility of samples.

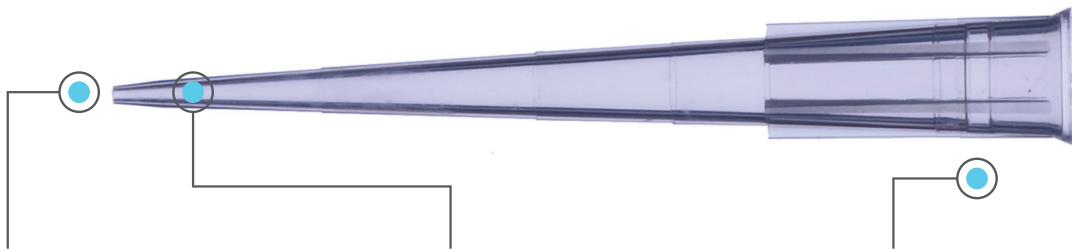


Superior leeching performance in its class assures contamination free results.

5 Stage quality control procedures ensure 100% quality & performance. All Abdos Tips are DNase, RNase & Pyrogen free.

Diamond polished moulds for an extremely hydrophobic & smooth surface to ensure lowest retention in its class.

## Abdos Bevelled Tips

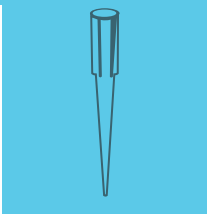


Precise diamond polished with special treatment on bevelled orifice prevents smooth working & sample hold-up

Bevelled orifice prevents sample hang up and makes it easier to pipette-off the last drop of sample

Perfect airlock grip on pipette by inner radial rings for accurate pipetting

Beveled tip prevent accidental damage of gel rupture during loading



## The Abdos Edge



The Universal Tip collar fits all popular pipettes.

The use of multiple cavity tools guarantees high conformity within one batch. The automated moulding and assembling procedures carried out under validated clean-room conditons to eliminate contamination.

Thin-wall technology ensures perfect seal while reducing the loading and ejection forces.

## Abdos Ultra-point Tips



Ultra point orifice for precise work like gel loading & careful pipetting between space as small as 1 mm as in PAGE, electrophoresis & IEF



Ultra clear transparency for two phase pipetting

## 22 Pipette Tips, PP



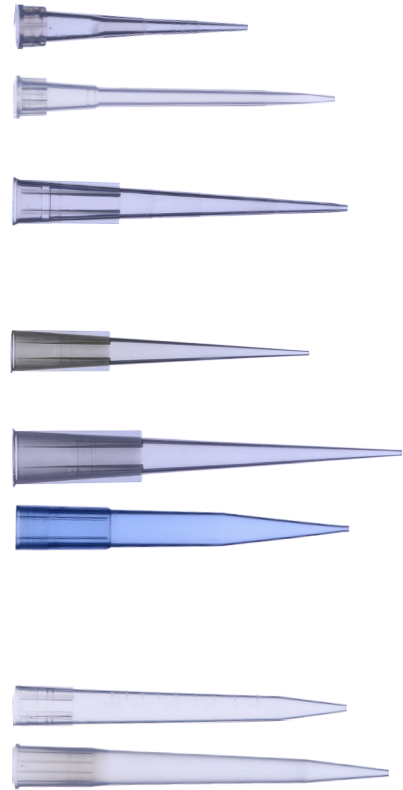
- Abdos Tips are manufactured in state of art precision-moulded facility using high purity virgin medical grade USP Class VI polypropylene.
- Abdos Micro Tips are DNase, RNase, Pyrogen free and free for PCR Inhibitor.
- Manufactured in ultra modern clean room facility for contamination free product.
- Designed for use in a wide variety of pipetting applications and universally compatible with different types of pipettes.
- The orifice is precisely centered for directional accuracy.
- Perfect airtight grip on pipette by inner radial rings for accurate pipetting.
- Clean and the hydrophobic surface ensures low retention, increased accuracy and reproducibility.
- Optical clarity and transparency for clear visualization in molecular biology work.
- Can be autoclaved.



## Pipette Tips, Bulk PP

- Bulk Micro Tips are offered in resalable zip lock bag keeping the product free of contamination and dust.
- Micro Tips can be manually accumulated in empty boxes.
- Abdos polyethylene bags are recyclable.

Code	Capacity (µl)	Colour	No. per Case
P10115	0.2 - 10 (Graduated)	Natural	1000
P10137	0.2 - 10 Extended (Graduated)	Natural	1000
P10129	2 - 200 (Bevelled Graduated)	Yellow	1000
P10130	2 - 200 (Bevelled Graduated)	Natural	1000
P10101	2 - 200 (Ultra Point Tip Orifice)	Yellow	1000
P10105	2 - 200 (Ultra Point Tip Orifice)	Natural	1000
P10138	2 - 300 (Graduated)	Natural	1000
P10102	100 - 1000	Blue	500
P10106	100 - 1000	Natural	500



## Large Volume Pipette Tips, Bulk PP

Code	Capacity (ml)	Colour	No. per Case
P10144	1 - 5 (Graduated)	Natural	100
P10145	1 - 10 (Graduated)	Natural	100



## Pipette Tips, Racked PP

- Racked Micro Tips are offered in prefilled racks that do not require any manual accumulation in empty boxes.
- Polypropylene racks are very robust, sturdy with consistent and thick wall thickness.
- Racks are hinged with transparent lid providing excellent view inside the box.
- Racks are stackable.
- Can be used for repeat autoclaving.
- Reusable once empty.

Code	Capacity (µl)	Colour	No. Per Case
P10116	0.2 - 10 (Graduated)	Natural	10 Racks x 96 pcs (960 pcs)
P10139	0.2 - 10 Extended (Graduated)	Natural	10 Racks x 96 pcs (960 pcs)
P10140	2-200 (Bevelled Graduated)	Yellow	10 Racks x 96 pcs (960 pcs)
P10141	2-200 (Bevelled Graduated)	Natural	10 Racks x 96 pcs (960 pcs)
P10107	2-200 (Ultra Point Tip Orifice)	Yellow	10 Racks x 96 pcs (960 pcs)
P10108	2-200 (Ultra Point Tip Orifice)	Natural	10 Racks x 96 pcs (960 pcs)
P10142	2-300 (Graduated)	Natural	10 Racks x 96 pcs (960 pcs)
P10109	100 - 1000	Blue	10 Racks x 96 pcs (960 pcs)
P10110	100-1000	Natural	10 Racks x 96 pcs (960 pcs)





### Pipette Tips, Sterile Racked, PP

- Sterile by Gama Radiation.

Code	Capacity (µl)	Colour	No. Per Case
P10117	0.2 – 10 (Graduated)	Natural	10 Racks x 96 pcs (960 pcs)
P10147	0.2 – 10 Extended (Graduated)	Natural	10 Racks x 96 pcs (960 pcs)
P10149	2-200 (Bevelled Graduated)	Yellow	10 Racks x 96 pcs (960 pcs)
P10148	2-200 (Bevelled Graduated)	Natural	10 Racks x 96 pcs (960 pcs)
P10111	2-200 (Ultra Point Tip Orifice)	Yellow	10 Racks x 96 pcs (960 pcs)
P10112	2-200 (Ultra Point Tip Orifice)	Natural	10 Racks x 96 pcs (960 pcs)
P10150	2-300 (Graduated)	Natural	10 Racks x 96 pcs (960 pcs)
P10113	100-1000	Blue	10 Racks x 96 pcs (960 pcs)
P10114	100 - 1000	Natural	10 Racks x 96 pcs (960 pcs)



\* Sterile Tips has been validated according to ENISO 1137-2; 2007 for SAL 10<sup>-6</sup>

### Pipette Tips, Refill Pack, PP

- Racked Micro Tips are offered in prefilled trays that can be directly loaded in the box.
- Easy to load and remove into boxes.
- Saves time and costs of manual accumulating in empty boxes.
- More cost effective and economical than racked micro tips.
- Fits perfectly onto Abdos Micro Tip Box.
- 12 x 8 Array to align the contents in the box.
- Can be autoclaved when racked.

Code	Capacity (µl)	Colour	No. Per Case
P10118	0.2 - 10 (Graduated)	Natural	12 Refill Racks x 96 pcs (1152 pcs)
P10153	2-200 (Bevelled Graduated)	Yellow	10 Refill Racks x 96 pcs (960 pcs)
P10152	2-200 (Bevelled Graduated)	Natural	10 Refill Racks x 96 pcs (960 pcs)
P10119	2-200 (Ultra Point Tip Orifice)	Yellow	10 Refill Racks x 96 pcs (960 pcs)
P10120	2-200 (Ultra Point Tip Orifice)	Natural	10 Refill Racks x 96 pcs (960 pcs)
P10154	2-300 (Graduated)	Natural	10 Refill Racks x 96 pcs (960 pcs)



\* P10137, P10138, P10144, P10145, P10139, P10142, P10147, P10150 & P10154 will be available from November 2015.

# ABDOS PIPETTE TIPS

## COMPATIBILITY CHART

Pipettor Brand/ Make	Abdos premium (Single channel)				Abdos premium Plus (Single channel)				Abdos fixed (single channel)							Abdos premium (Multi channel)			Abdos premium plus(Multi channel)							
	0.5 - 10 µl	2-20 µl	10-100 µl	20-200µl	100-1000 µl	0.5 - 10 µl	2-20 µl	10-100 µl	20-200 µl	100-1000 µl	5 µl	10 µl	20 µl	25 µl	50 µl	100 µl	200 µl	250 µl	500 µl	1000 µl	0.5 - 10 µl	5 - 50 µl	50-300 µl	0.5 - 10 µl	5 - 50 µl	50-300 µl
P10115 / 0.2 - 10 µl	✓					✓					✓	✓									✓			✓		
P10137 / 0.2 - 10 µl	✓					✓					✓	✓									✓			✓		
P10129 / 2 - 200 µl			✓	✓				✓	✓								✓	✓				✓	✓		✓	✓
P10130 / 2 - 200 µl			✓	✓				✓	✓								✓	✓				✓	✓		✓	✓
P10101 / 2 - 200 µl			✓	✓				✓	✓								✓	✓				✓	✓		✓	✓
P10105 / 2 - 200 µl			✓	✓				✓	✓								✓	✓				✓	✓		✓	✓
P10138 / 2 - 300 µl			✓	✓				✓	✓								✓	✓				✓	✓		✓	✓
P10102 / 100 - 1000 µl					✓					✓									✓	✓						
P10106 / 100 - 1000 µl					✓					✓									✓	✓						

Pipettor Brand/ Make	Biohit eLine (Single channel)				Biohit eLine (multichannel)			Biohit m- Line® (Single channel)				Biohit m- Line® (multi channel)			Biohit Proline (Single channel)				Biohit Proline (Multi channel)			Biohit ePet (Single channel)				
	0.2-10µl	5-120µl	10-300µl	50-1000µl	0.2-10µl	5-120µl	10-300µl	0.5-10µl	2-20µl	10-100µl	20-200µl	100-1000µl	0.5-10µl	5-100µl	30-300µl	0.2-10µl	5-100µl	10-250µl	10-500µl	50-1000µl	0.2-10µl	5-100µl	25-250µl	0.2-10µl	5-100µl	50-1200µl
P10115 / 0.2 - 10 µl	✓				✓			✓					✓			✓					✓			✓		
P10137 / 0.2 - 10 µl	✓				✓			✓					✓			✓					✓			✓		
P10129 / 2 - 200 µl		✓								✓	✓			✓			✓					✓			✓	✓
P10130 / 2 - 200 µl		✓								✓	✓			✓			✓					✓			✓	✓
P10101 / 2 - 200 µl		✓								✓	✓			✓			✓					✓			✓	✓
P10105 / 2 - 200 µl		✓								✓	✓			✓			✓					✓			✓	✓
P10138 / 2 - 300 µl		✓	✓				✓			✓	✓			✓	✓		✓	✓				✓	✓		✓	✓
P10102 / 100 - 1000 µl				✓								✓								✓						
P10106 / 100 - 1000 µl				✓								✓								✓						

Pipettor Brand/ Make	Biohit ePet (multi channel)				Biohit Proline Electronics (Single channel)					Biohit Proline electronics (Multi channel)				Biohit Proline (Single Channel)					Biohit Proline (Multi Channel)				Biohit Proline Plus (Single Channel)			
	0.2-10µl	5-100µl	50-1200µl	25-250 µl	0.2-10µl	5-100µl	10-250µl	50-1000µl	50-1200µl	0.2-10µl	5-100µl	10-250µl	50-1200µl	0.2-10µl	5-50µl	10-100µl	50-200µl	10-250µl	200-1000µl	0.5-10µl	5-50µl	50-250µl	50-300µl	0.5-10µl	20-200µl	100-1000 µl
P10115 / 0.2 - 10 µl	✓				✓					✓				✓					✓					✓		
P10137 / 0.2 - 10 µl	✓				✓					✓				✓					✓					✓		
P10129 / 2 - 200 µl		✓				✓				✓				✓	✓	✓	✓			✓				✓	✓	
P10130 / 2 - 200 µl		✓				✓				✓				✓	✓	✓				✓				✓	✓	
P10101 / 2 - 200 µl		✓				✓				✓				✓	✓	✓				✓				✓	✓	
P10105 / 2 - 200 µl		✓				✓				✓				✓	✓	✓				✓				✓	✓	
P10138 / 2 - 300 µl		✓		✓		✓	✓			✓	✓			✓	✓	✓	✓			✓	✓	✓		✓	✓	
P10102 / 100 - 1000 µl								✓											✓							✓
P10106 / 100 - 1000 µl								✓											✓							✓

Pipettor Brand/ Make	Brand Transferpette														Brand Electronics											
	Single Channel							Multi-channel							Single Channel			Multi-channel								
Abdos Code / Volume	0.1-1µl	0.5-10µl	2-20µl *ULTRA MICRO	2-20µl	5-50µl	10-100µl	20-200µl	25-250µl	100-1000µl	0.5-10µl	2-20µl	2.5-25µl	5-50µl	10-100µl	20-200µl	30-300µl	0.5-10µl	10-100µl	20-200µl	30-300µl	100-1000µl	0.5-10µl	5-100µl	10-200µl	15-300µl	
P10115 / 0.2 - 10 µl		✓								✓							✓						✓			
P10137 / 0.2 - 10 µl		✓								✓							✓						✓			
P10129 / 2 - 200 µl					✓	✓	✓					✓	✓	✓				✓	✓					✓	✓	
P10130 / 2 - 200 µl					✓	✓	✓					✓	✓	✓				✓	✓					✓	✓	
P10101 / 2 - 200 µl					✓	✓	✓					✓	✓	✓				✓	✓					✓	✓	
P10105 / 2 - 200 µl					✓	✓	✓					✓	✓	✓				✓	✓					✓	✓	
P10138 / 2 - 300 µl					✓	✓	✓	✓				✓	✓	✓	✓			✓	✓	✓				✓	✓	✓
P10102 / 100 - 1000 µl									✓																	
P10106 / 100 - 1000 µl									✓																	

Pipettor Brand/ Make	Brand Transferpette								Capp AeroG					ilson Pipetman				Gilson Pipetman Ultra							
	single channel				multi-channel				single channel / multi-channel					single channel				multi-channel							
Abdos Code / Volume	0.1-1µl	2-20µl *ULTRA MICRO	10-100µl	20-200µl	100-1000µl	0.5-10µl	10-100µl	20-200µl	30-300µl	0.5-10µl	5-50µl	10-100µl	25-200µl	50-300µl	100-1000µl	0.2-2µl	1-10µl	2-20µl	20-100µl	50-200µl	200-1000µl	1-20µl	20-300µl		
P10115 / 0.2 - 10 µl		✓				✓				✓	✓														
P10137 / 0.2 - 10 µl		✓				✓				✓	✓														
P10129 / 2 - 200 µl			✓	✓			✓	✓				✓	✓						✓	✓					
P10130 / 2 - 200 µl			✓	✓			✓	✓				✓	✓						✓	✓					
P10101 / 2 - 200 µl			✓	✓			✓	✓				✓	✓						✓	✓					
P10105 / 2 - 200 µl			✓	✓			✓	✓				✓	✓						✓	✓					
P10138 / 2 - 300 µl			✓	✓			✓	✓	✓			✓	✓	✓					✓	✓					✓
P10102 / 100 - 1000 µl					✓										✓							✓			
P10106 / 100 - 1000 µl					✓										✓							✓			



Pipettor Brand/ Make	Labnet Labpette						Labnet Labpettel			abnet BioPette EN						ichiryo/Oxford									
	single channel						multi-channels			ingle channelm			ulti-channel			single channel & multi-channel									
Abdos Code / Volume	0.1-2µl	0.5-10µl	2-20µl	10-100µl	20-200µl	100-1000µl	1-10µl	5-50µl	20-200µl	50-300µl	0.5-10µl	2-20µl	10-200µl	100-1000µl	0.5-10µl	2-20µl	10-200µl	100-1000µl	0.5-10µl	2-20µl	10-50µl	10-100µl	20-200µl	100-1000µl	
P10115 / 0.2 - 10 µl	✓	✓					✓				✓				✓				✓						
P10137 / 0.2 - 10 µl	✓	✓					✓				✓				✓				✓						
P10129 / 2 - 200 µl				✓	✓				✓				✓				✓					✓	✓		
P10130 / 2 - 200 µl				✓	✓				✓				✓				✓					✓	✓		
P10101 / 2 - 200 µl				✓	✓				✓				✓				✓					✓	✓		
P10105 / 2 - 200 µl				✓	✓				✓	✓			✓				✓					✓	✓		
P10138 / 2 - 300 µl				✓	✓				✓	✓			✓				✓					✓	✓		
P10102 / 100 - 1000 µl						✓							✓					✓							✓
P10106 / 100 - 1000 µl						✓							✓					✓							✓

Pipettor Brand/ Make	Socorex Calibra/accura										Axygen Axypet														
	Single Channel					Multichannel					Single Channel					Multichannel									
Abdos Code / Volume	0.1-20µl	0.2-20µl	0.5-10µl	1-10µl	2-20µl	10-100µl	20-200µl	100-1000µl	1-10µl	5-50µl	10-100µl	20-200µl	50-200µl	0.1-2µl	0.5-10µl	2-20µl	5-50µl	10-100µl	20-200µl	50-250µl	100-1000µl	1-10µl	5-50µl	20-200µl	50-300µl
P10115 / 0.2 - 10 µl			✓	✓					✓						✓							✓			
P10137 / 0.2 - 10 µl			✓	✓					✓						✓							✓			
P10129 / 2 - 200 µl						✓	✓			✓	✓	✓	✓				✓	✓	✓				✓	✓	✓
P10130 / 2 - 200 µl						✓	✓			✓	✓	✓	✓				✓	✓	✓				✓	✓	✓
P10101 / 2 - 200 µl						✓	✓			✓	✓	✓	✓				✓	✓	✓				✓	✓	✓
P10105 / 2 - 200 µl						✓	✓			✓	✓	✓	✓				✓	✓	✓				✓	✓	✓
P10138 / 2 - 300 µl						✓	✓			✓	✓	✓	✓				✓	✓	✓	✓			✓	✓	✓
P10102 / 100 - 1000 µl								✓													✓				
P10106 / 100 - 1000 µl								✓													✓				

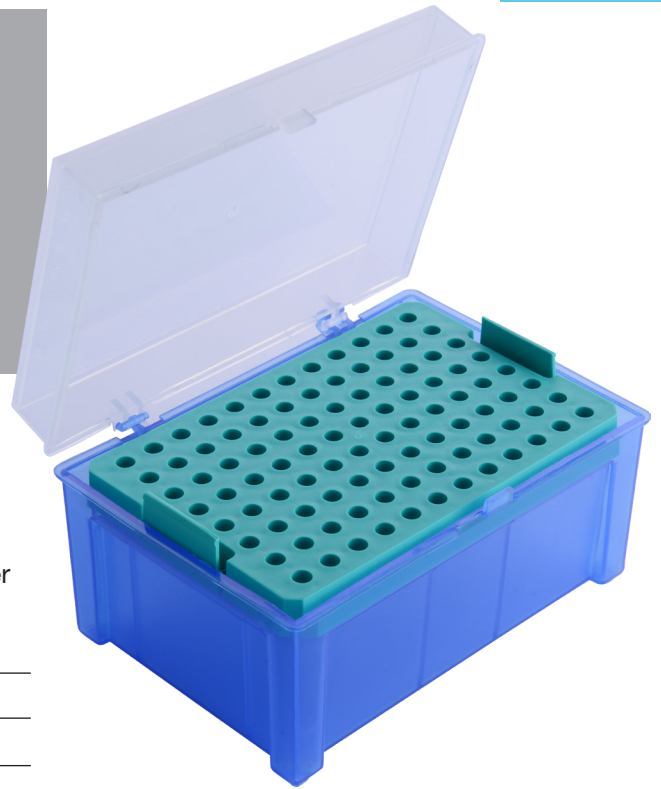
Pipettor Brand/ Make	BRAND		Eppendorf		Biohit Proline plus		Gilson		Thermo		Abdos	
Abdos Code / Volume	1-5 ml	1-10 ml	1-5 ml	1-10 ml	1-5 ml	1-10 ml	1-5 ml	1-10 ml	1-5 ml	1-10 ml	1-5 ml	1-10 ml
P10144 / 1 - 5 ml			✓		✓		✓				✓	
P10145 / 1 - 10 ml		✓		✓		✓		✓				✓





## 23 Empty Micro Tip Box, PP

- Abdos Micro Tip Box are robust with consistent wall thickness for repetitive use in single and multi channel pipette.
- Abdos Micro Tip Box can accommodate Abdos Micro Tips and the tip holding space is uniformly placed to facilitate easy use in multi channel pipette.
- These boxes are stackable.
- Transparent top cover provides excellent view of the Micro Tips inside the box.
- Manufactured in high quality polypropylene.
- All Tip Boxes contain 96 Tip holes.
- Can be autoclaved.



Code	Tip Capacity (µl)	Places	L x W x H (mm)	No. per Case
P20101	0.2 - 10	96	126 x 93 x 70	6
P20102	2-200	96	126 x 93 x 70	6
P20104	2-300	96	126 x 93 x 70	6
P20103	100-1000	96	143 x 100 x 88	6

## 24 Reagent Reservoir, HIPS

- Unique “trough within a trough” maximizes reagent recovery.
- Convenient pour-off spouts on all four corners.
- A wide base provides stability and avoids spills.
- Graduated marks on inside wall.
- Superior design provides stronger sidewalls.
- 100ml reagent reservoir has capacity for extended multi-channel pipetting into microtiterplates. This design allows ample clearance for all type of pipettors.
- Cannot be autoclave.



Code	Capacity (ml)	No. per Case
P10501	25	10
P10503	100	10