

BBTS Annual
Conference 2016

The Grifols Erytra Analyser

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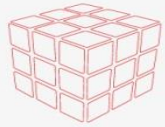




Disclaimer

During this presentation I can only draw on experiences in my own laboratory. This may not reflect the experiences of other users of the Grifols Erytra analyser.





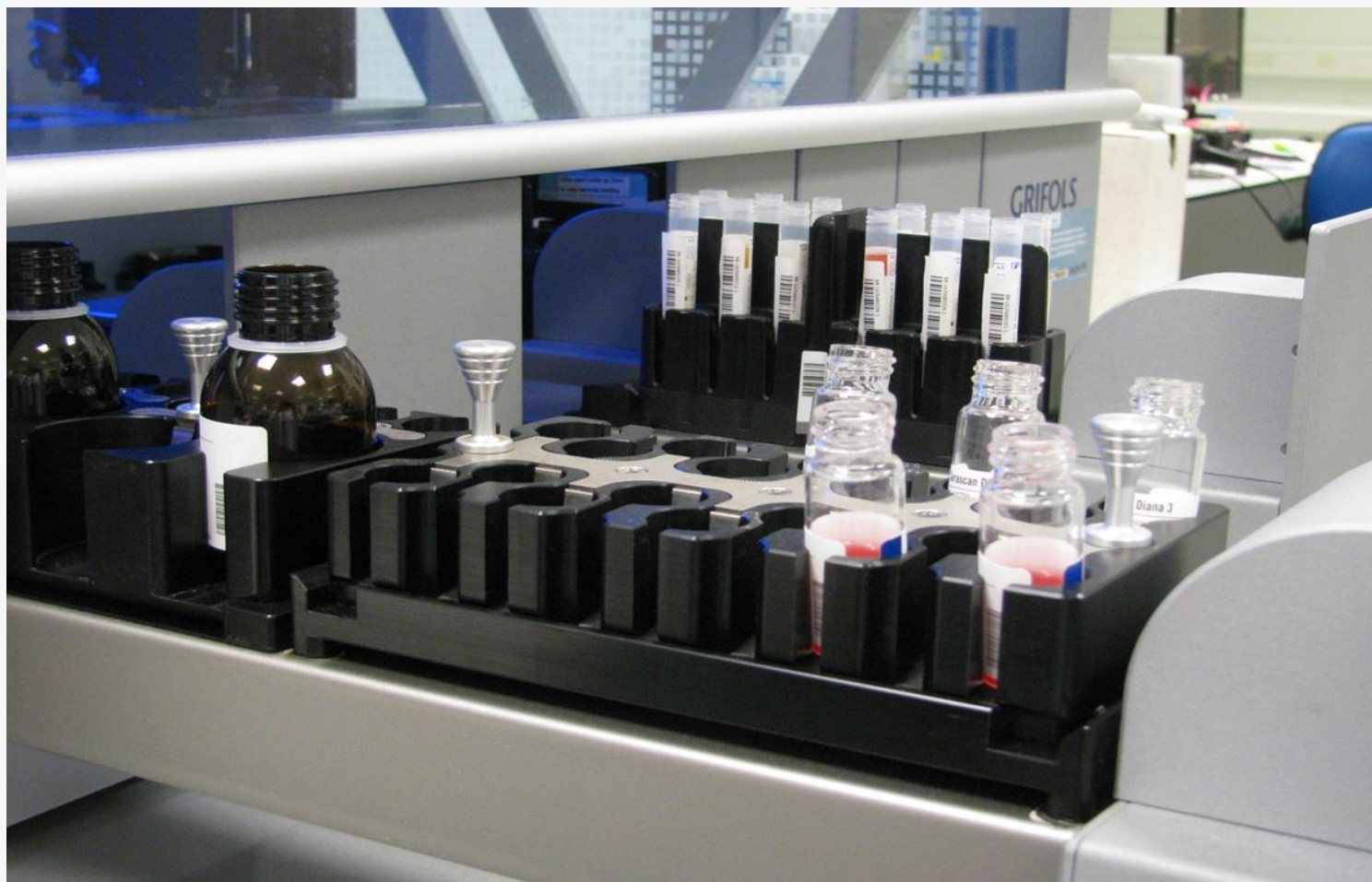
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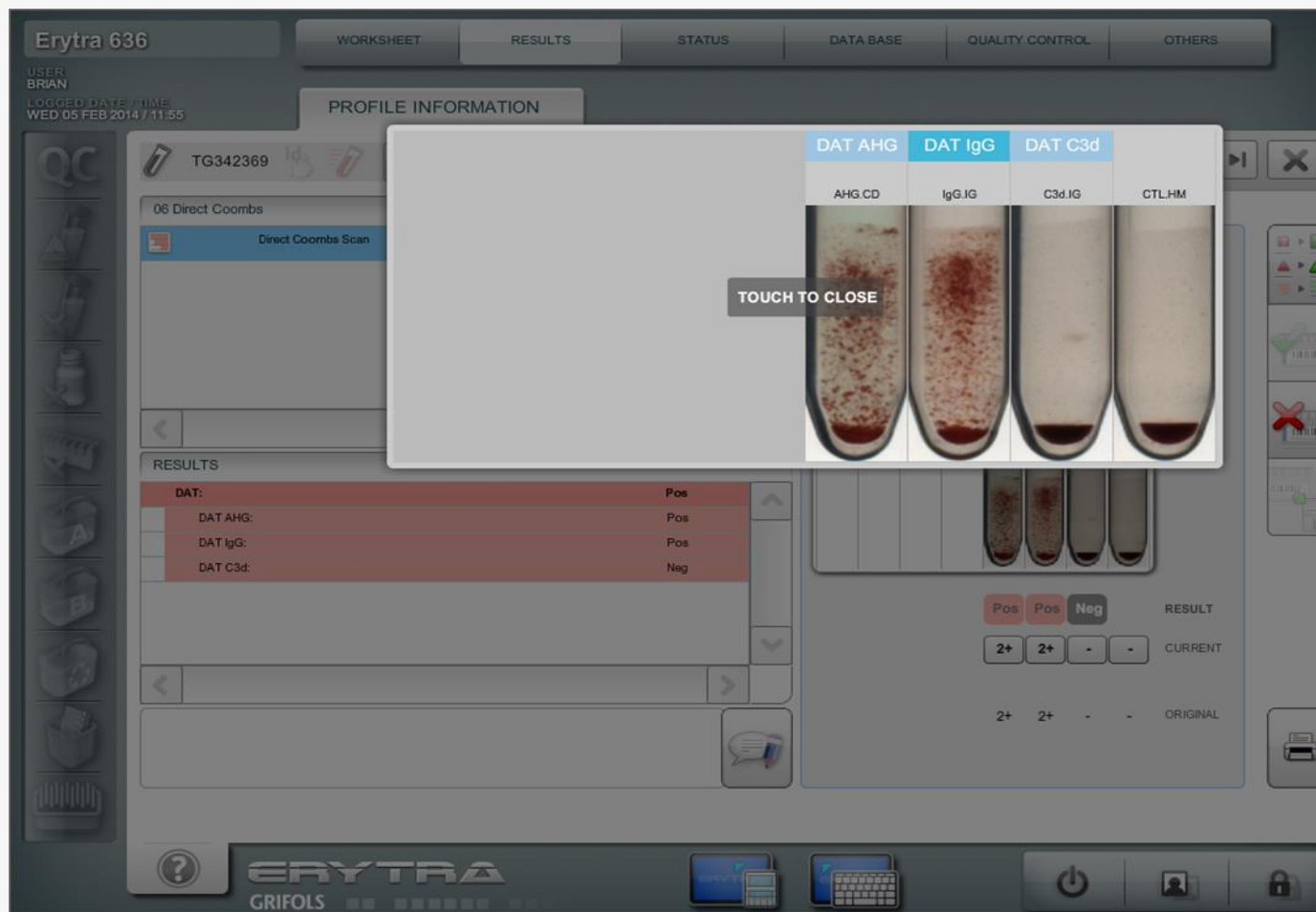


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Profile : 06 Direct Coombs

Execution date: 05/02/2014 12:28:57

Status:

Exported

Executed by: BRIAN

Modified by:

-

Reviewed by:

Erytra (SN): 0000636

Profile interpretation

DAT:Pos

Comment

*DG-Gel DC Scan

715503150020187116

LOT *002.01



2015-03

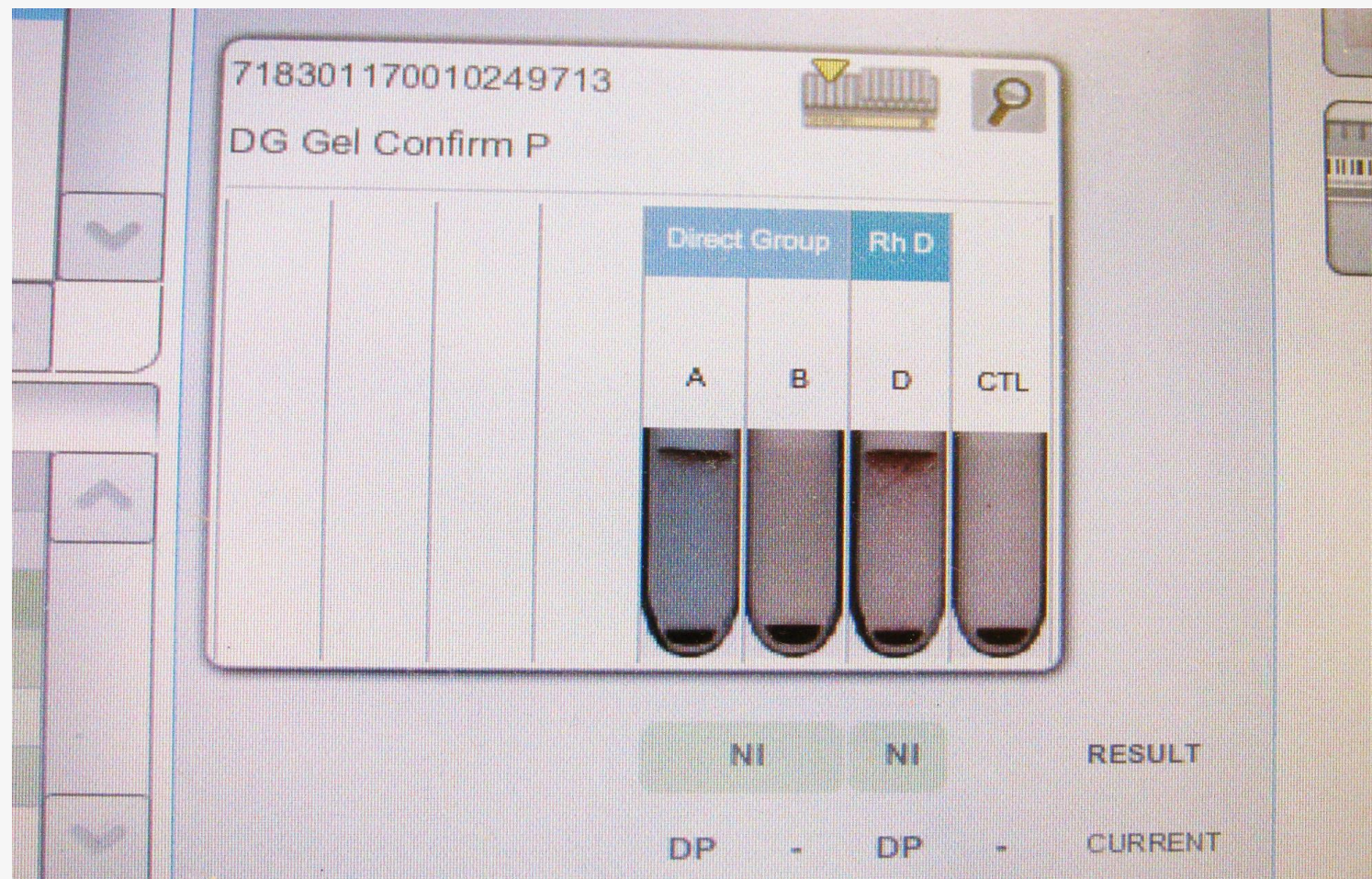


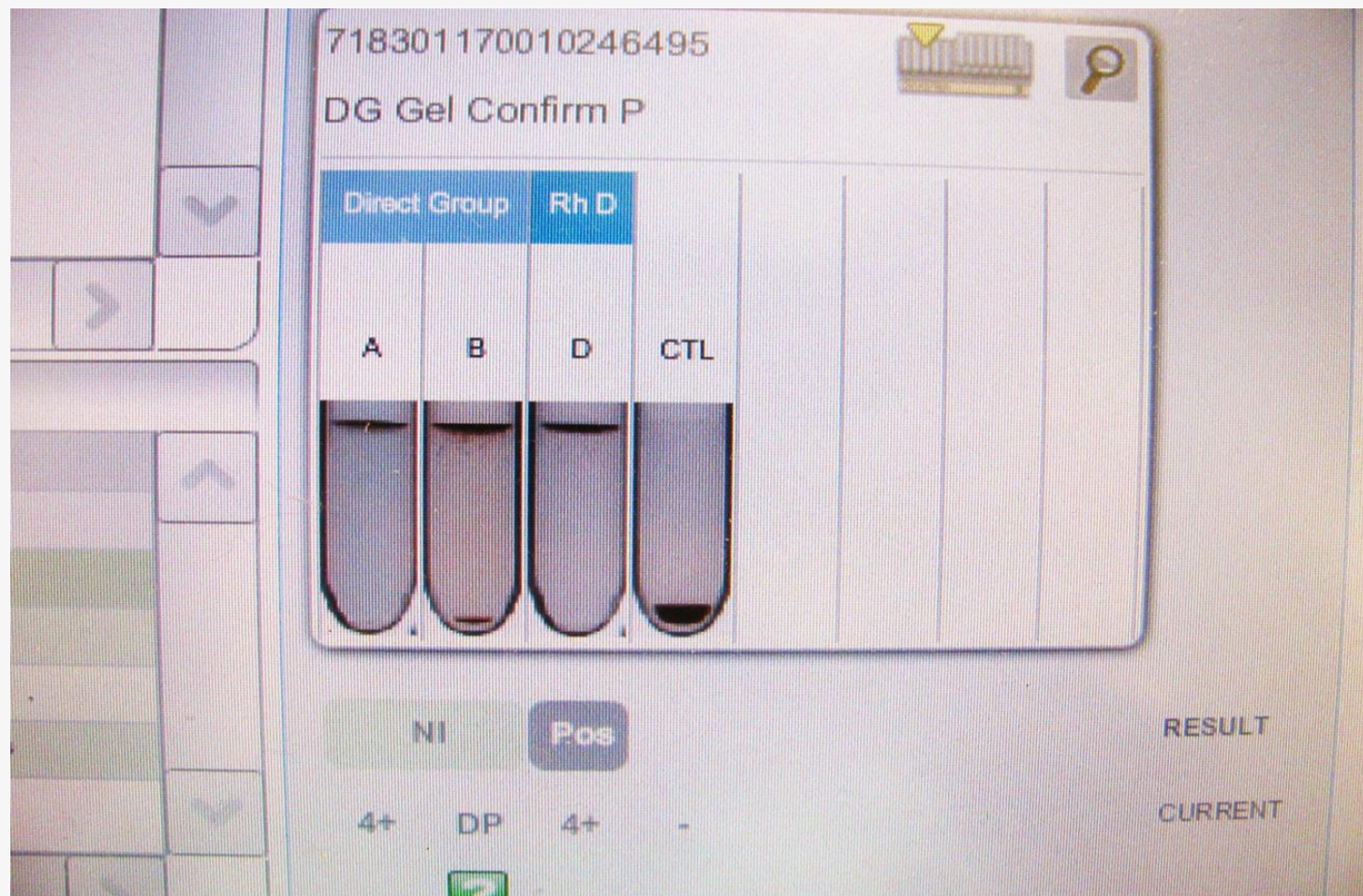
Direct Coombs

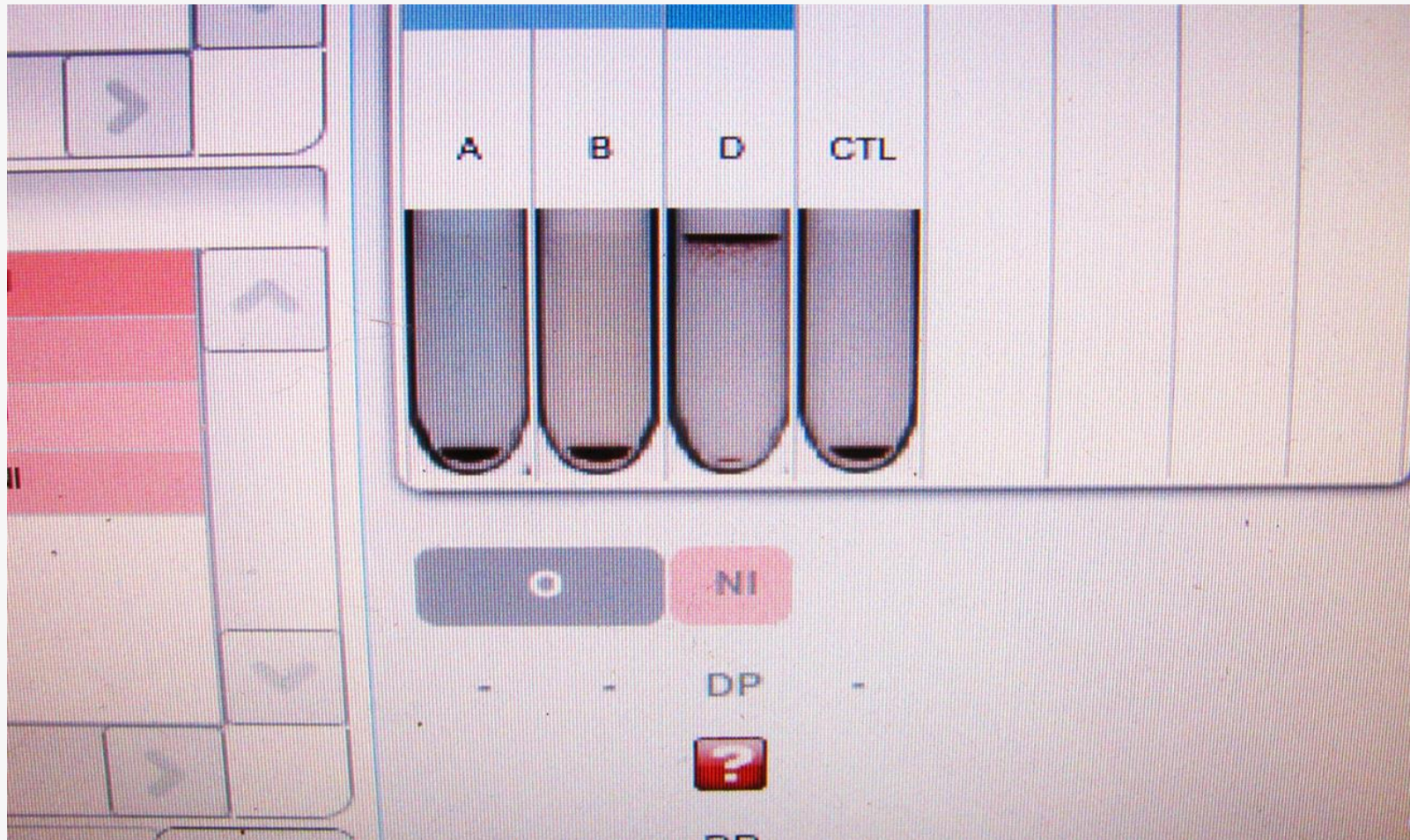
2+	2+	1+	-				
AHG.CD	IgG.IG	C3d.IG	CTL.HM				

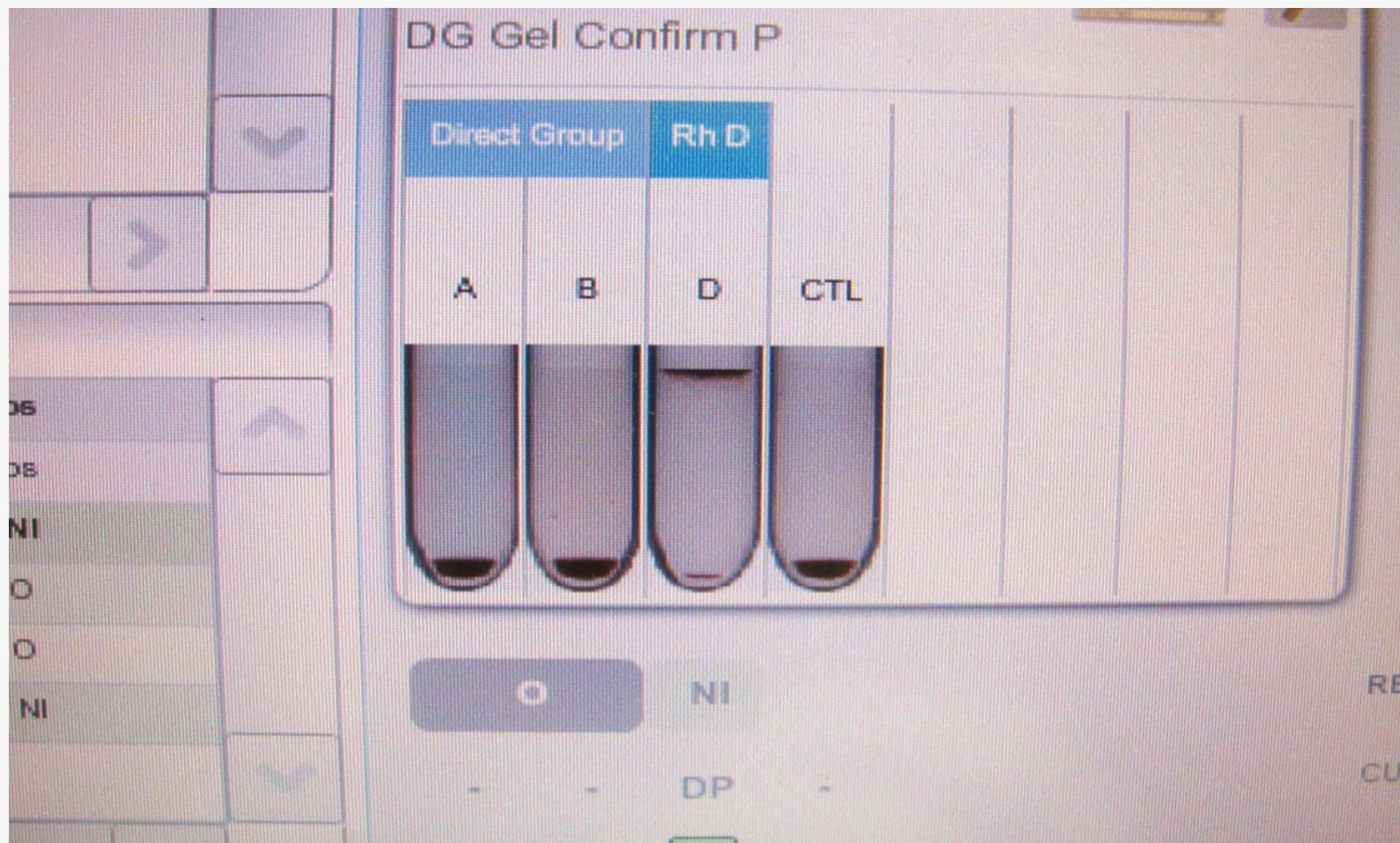
DAT AHG:Pos
DAT C3d:Pos
DAT IgG:Pos

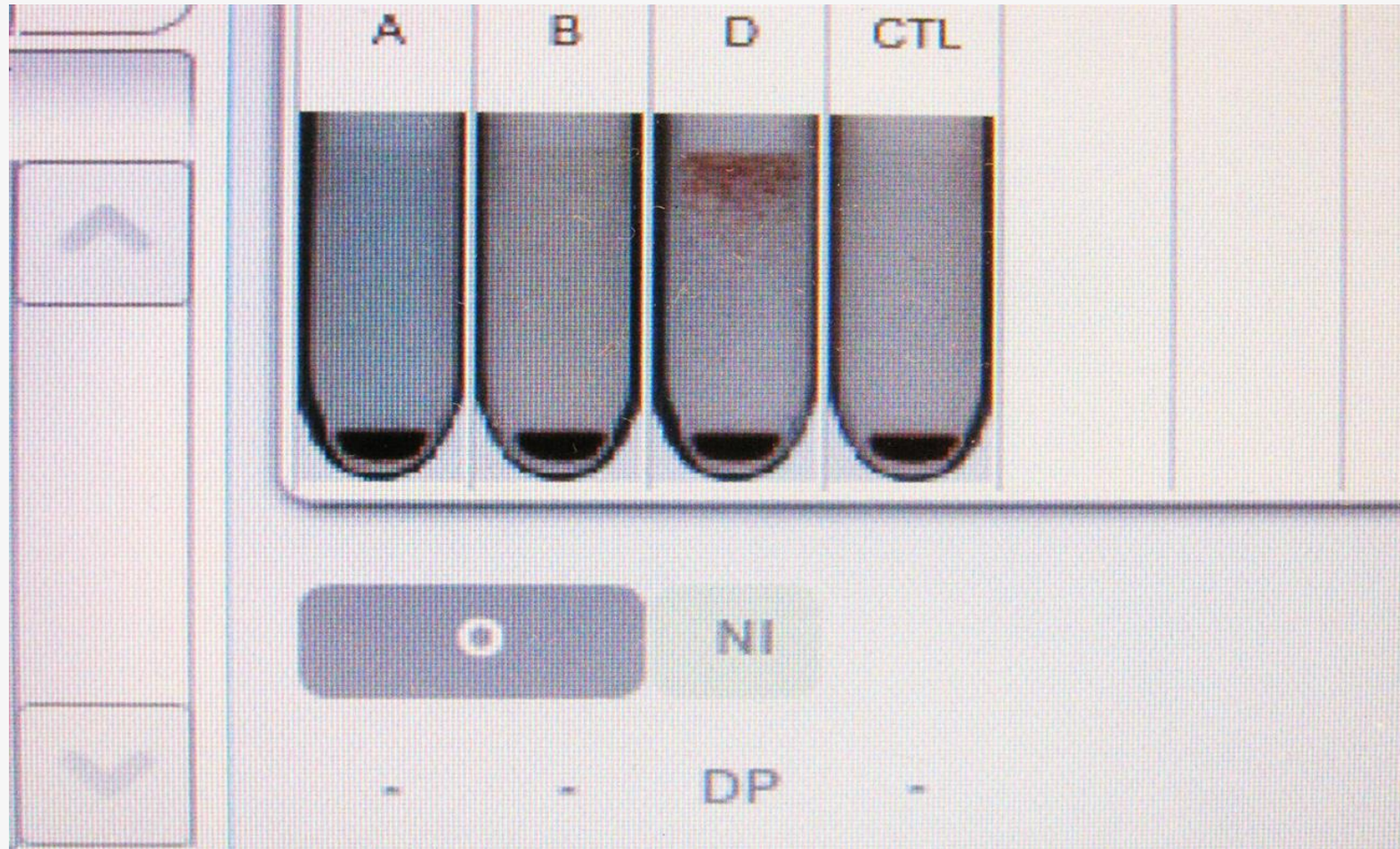
Incidences













3024318

Serascan Diana 3/Serascan Diana 3P

Antigens table/Tabla de antígenos/Tabela de antígenios/Πίνακας αντιγόνων/Antigenní tabulka/Antigénná tabul'ka/Antigén táblázat /Tabela

	Donor/Donante/ Dador/Δότης/ Dárce/Darce/ Dawca	Rh Phenotype/Fenotipo Rh/ Φαινότυπος Rh/ Fenotyp Rh/Rh fenotipus	Rh-hr					Kell					Duffy		Kidd		Lewis		P	M N S				Luth.		Xg	Special antigens/Antígenos especiales Antígenos especiais Eszékelt antigénok Vzácné antigény/Vzácné antigény Különleges antigének/ Antigény specjálne		
			D	C	E	c	e	C ^w	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	Le ^a	Le ^b	P _i	M	N	S	s	Lu ^a		Lu ^b	Xg ^a
I	3434309	CCDee R ₁ R ₁	+	+	0	0	+	0	0	+	0	+	0	+	0	+	0	+	+	0	+ ^w	0	+	0	+	0	+	0	
II	4583792	ccDEE R ₂ R ₂	+	0	+	+	0	0	0	+	0	+	nt	+	+	0	0	+	0	0	+	+	+	+	+	0	+	+ ^w	
III	3448626	ccddee rr	0	0	0	+	+	0	+	+	0	+	nt	+	+	+	+	0	0	+	+	+	0	+	0	0	+	+ ^w	
Autocontrol Autokontrola Αυτοέλεγχος Αυτοέλεγχος Autokontrola Autokontrola Ας Autokontrola																													

The shaded columns indicate antigens whose reactivity is weakened or destroyed, if the red blood cells are treated with proteolytic enzymes.

Las columnas sombreadas indican antígenos que se destruyen o cuya reactividad disminuye, si los hematíes se tratan con enzimas proteolíticas.

As columnas sombreadas indicam antígenios que se destroem ou cuja reactividade diminui, se as hemácias forem tratadas com enzimas proteolíticas.

Οι σκιασμένες κolumnες περιλαμβάνουν αντιγόνα τα οποία καταστρέφονται ή των οποίων η δραστηριότητα εξασθενίζει, εάν τα ερυθρά αιμοσφαίρια υποβάλλονται στη δράση των πρωτεολυτικών ενζύμων.

Sloupce zvýraznené stínováním označují antigeny jejichž reaktivita je snížena nebo zcela potlačena, jsou-li červené krvinky vystaveny působení proteolytických enzymů.

Stĺpce zvýraznené tieňovaním označujú antigény, ktorých reaktivita je znížená alebo úplne potlačená, ak sú červené krvinky vystavené pôsobeniu proteolytických enzýmov.



3040279

Identisera Diana/Extend-Identisera Diana P/Extend P

Tableau d'antigènes/Antigen Tabelle/Tabella Antigenica/Antijen Tablosu/Antigenų lentelė

	Donneur/Spender/ Donatore/Verici/ Donoras	Phénotype Rh /Rh- Phänotyp/ Fenotipo Rh/Rh Fenotipi/ Rh Fenotipas	Rh-hr						Kell						Duffy		Kidd		Lewis		P	M N S				Luth.		Xg	Antigènes spéciaux/Spezielle Antigene/Antigeni Speciali/ Özel Antijenler/ Specialūs antigenai	
			D	C	E	c	e	C ^w	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	Jk ^a	Jk ^b	Le ^a	Le ^b	P ₁	M	N	S	s	Lu ^a	Lu ^b	Xg ^a		
1	4552097	CCDee R ₁ R ₁	+	+	0	0	+	0	+	+	0	+	nt	+	+	0	+	0	+	+	+	+	0	0	+	+	+	0		1
2	3907257	Ccddee r'r	0	+	0	+	+	0	0	+	0	+	nt	+	0	+	+	+	0	+	0	+	0	+	+	0	+	0		2
3	3460461	ccDee R ₀ r	+	0	0	+	+	0	0	+	+	+	nt	+	+	+	0	+	0	+	+	0	+	0	+	0	+	+		3
4	4137383	ccddEe r''r	0	0	+	+	+	0	0	+	0	+	nt	+	+	+	0	+	0	+	0	+	+	0	+	0	+	0		4
5	4301788	ccDEE R ₂ R ₂	+	0	+	+	0	0	0	+	0	+	nt	+	0	+	+	0	+	0	+	+	+	0	+	0	+	+		5
6	4300303	C ^w CDee R ₁ ^w R ₁	+	+	0	0	+	+	0	+	0	+	nt	+	0	+	+	+	0	+	+	+	+	+	+	0	+	+	Co(b+)	6
7	3111189	ccddee rr	0	0	0	+	+	0	+	+	0	+	nt	+	+	+	+	0	0	+	+	0	+	0	+	0	+	+		7
8	3257478	ccddee rr	0	0	0	+	+	0	0	+	0	+	nt	+	0	+	0	+	+	0	0	0	+	0	+	+	+	0		8
9	3114455	ccddee rr	0	0	0	+	+	0	0	+	0	+	nt	+	0	+	+	0	0	0	+	+	0	+	0	0	+	+		9
10	2871433	ccddee rr	0	0	0	+	+	0	0	+	0	+	nt	+	+	0	+	0	0	+	+	0	+	0	+	0	+	+		10
11	0143114	CCDee R ₁ R ₁	+	+	0	0	+	0	0	+	0	+	0	+	+	0	+	0	0	+	+	+	+	+	0	0	+	+		11
12	4142654	ccddee rr	0	0	0	+	+	0	+	+	0	+	nt	+	0	+	0	+	+	0	0	0	+	0	+	0	+	0		12
13	3332054	ccDEE R ₂ R ₂	+	0	+	+	0	0	0	+	0	+	nt	+	+	0	+	+	0	+	+	+	+	0	+	0	+	+		13
14	3441641	CCDee R ₁ R ₁	+	+	0	0	+	0	0	+	0	+	0	+	+	0	0	+	0	+	+	+	0	+	0	0	+	+	Co(b+)	14
15	3137279	CCDee R ₁ R ₁	+	+	0	0	+	0	0	+	0	+	nt	+	0	+	+	0	0	+	+	0	+	0	+	0	+	+		15

Les colonnes grisées indiquent les antigènes dont la réactivité est affaiblie ou annulée lorsque les érythrocytes sont traités avec des enzymes protéolytiques.
Die schattierten Säulen kennzeichnen Antigene deren Reaktionsfähigkeit bei Behandlung der Erythrozyten mit proteolytischen Enzymen abgeschwächt oder zerstört wird.
Le colonne colorate indicano gli antigeni per i quali la reattività è debole o distrutta, se le globuli rossi sono trattate con enzimi proteolitici.
Eğer kırmızı kan hücreleri proteolitik enzim ile işlem görmüş ise, boyalı sütunlarda bulunan antijenlerin reaksiyonları zayıflamış veya yıkılmış olabilir.
Parvokinti etidnaisi rnda antigenų būdu reaktyvumo sustiprinamas ar yra sustiprinamas, tai atspindi reaktivitės sustiprinimą.



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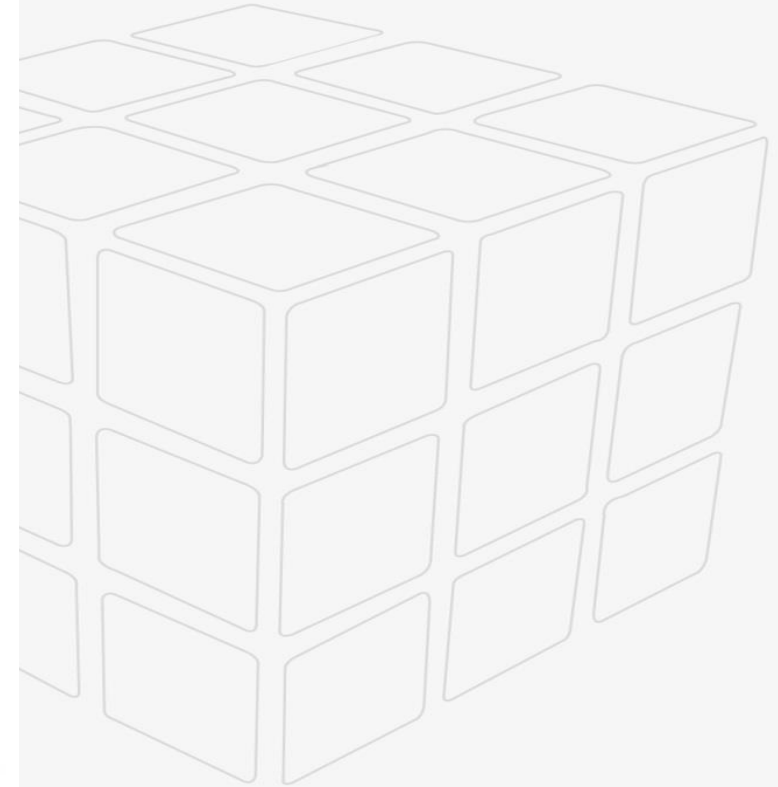
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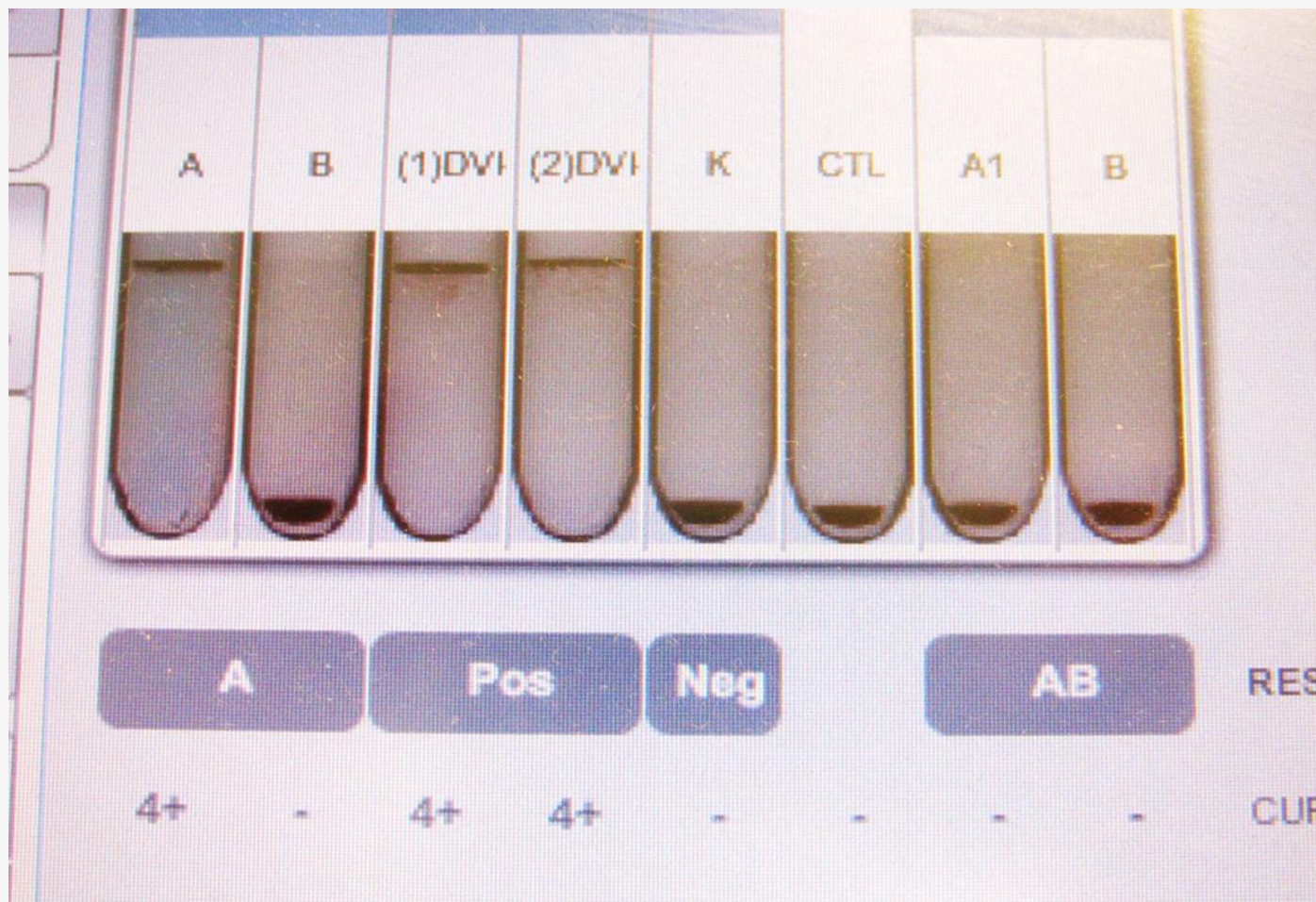


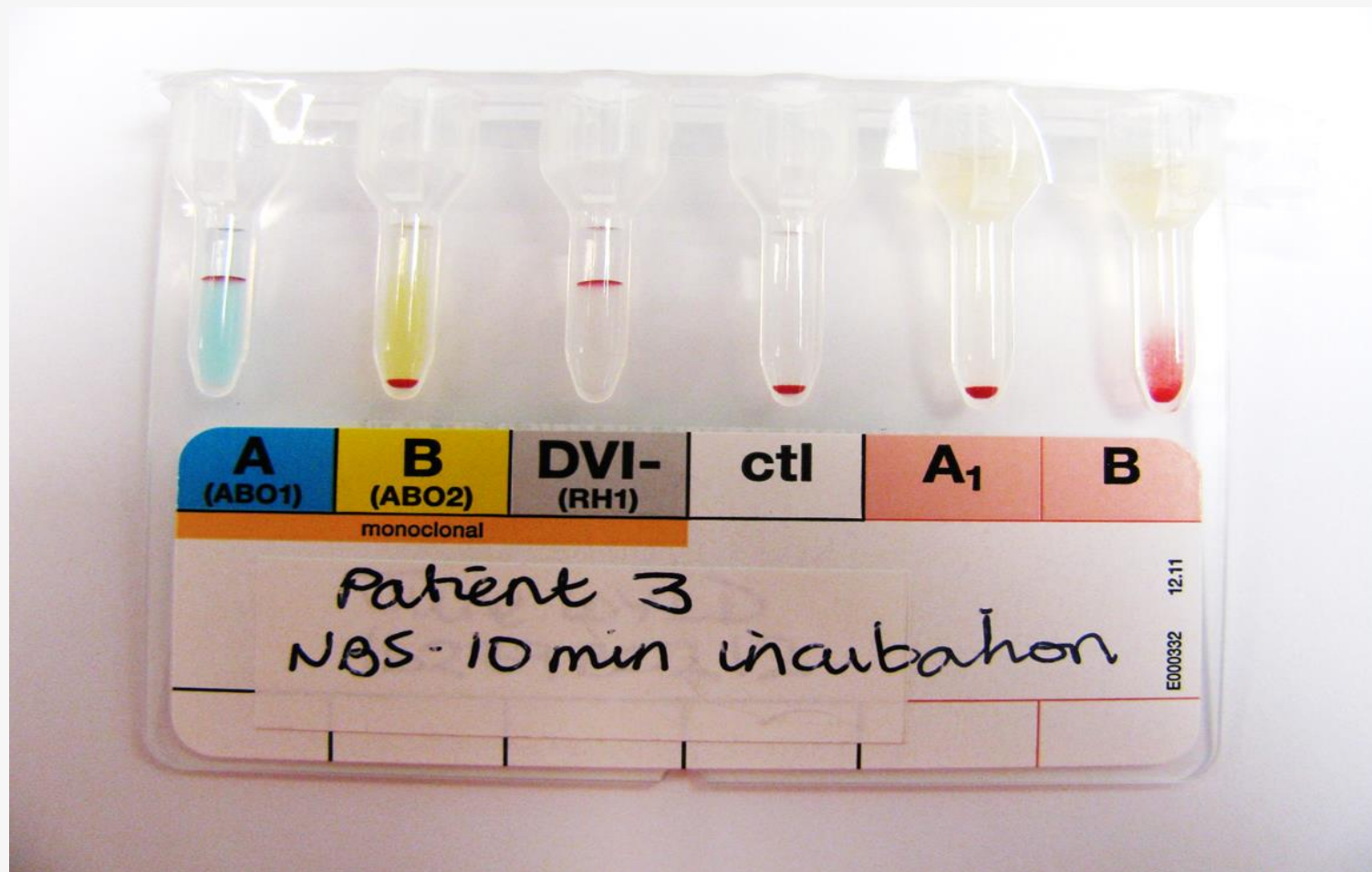
Negative



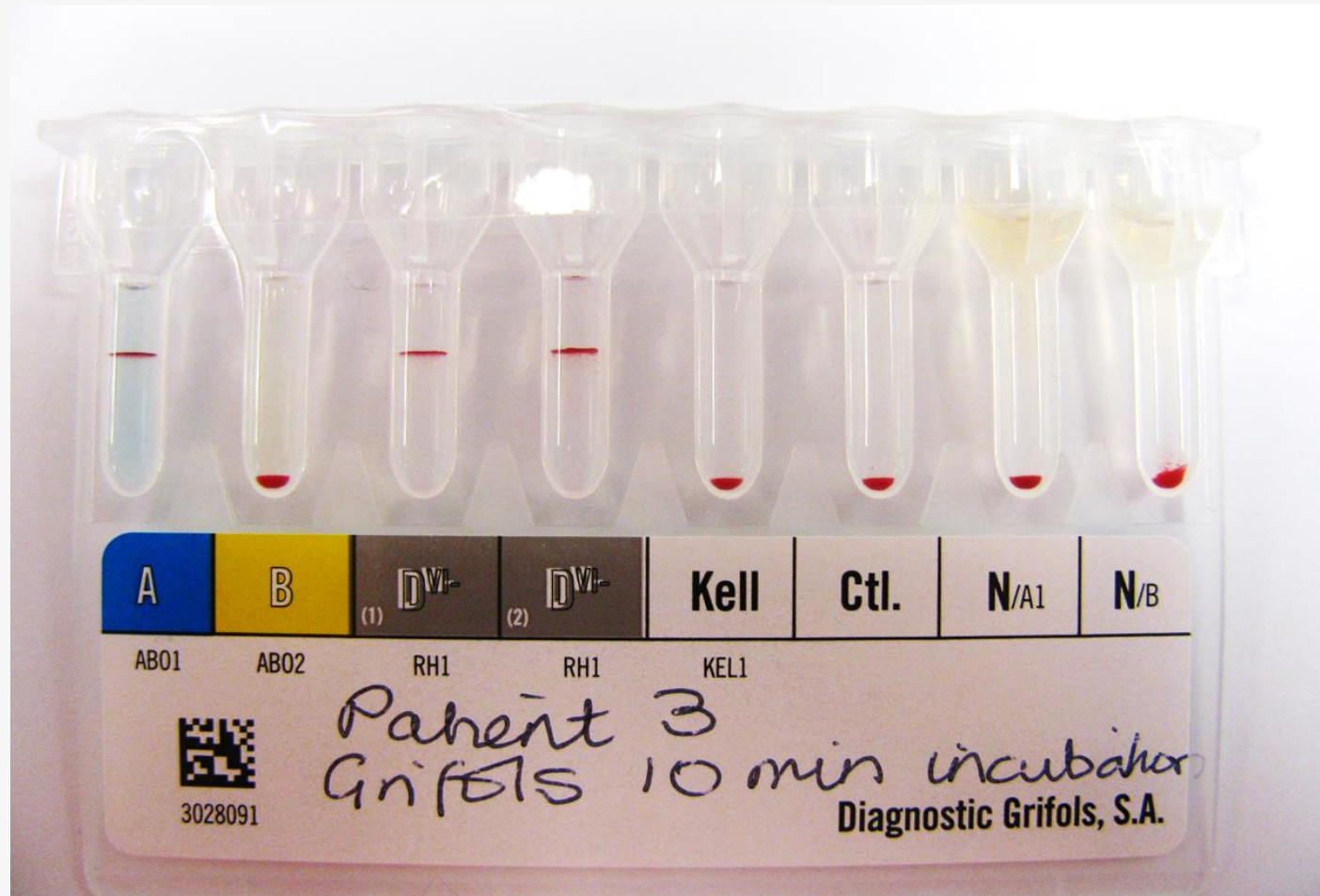
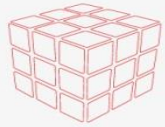
Negative

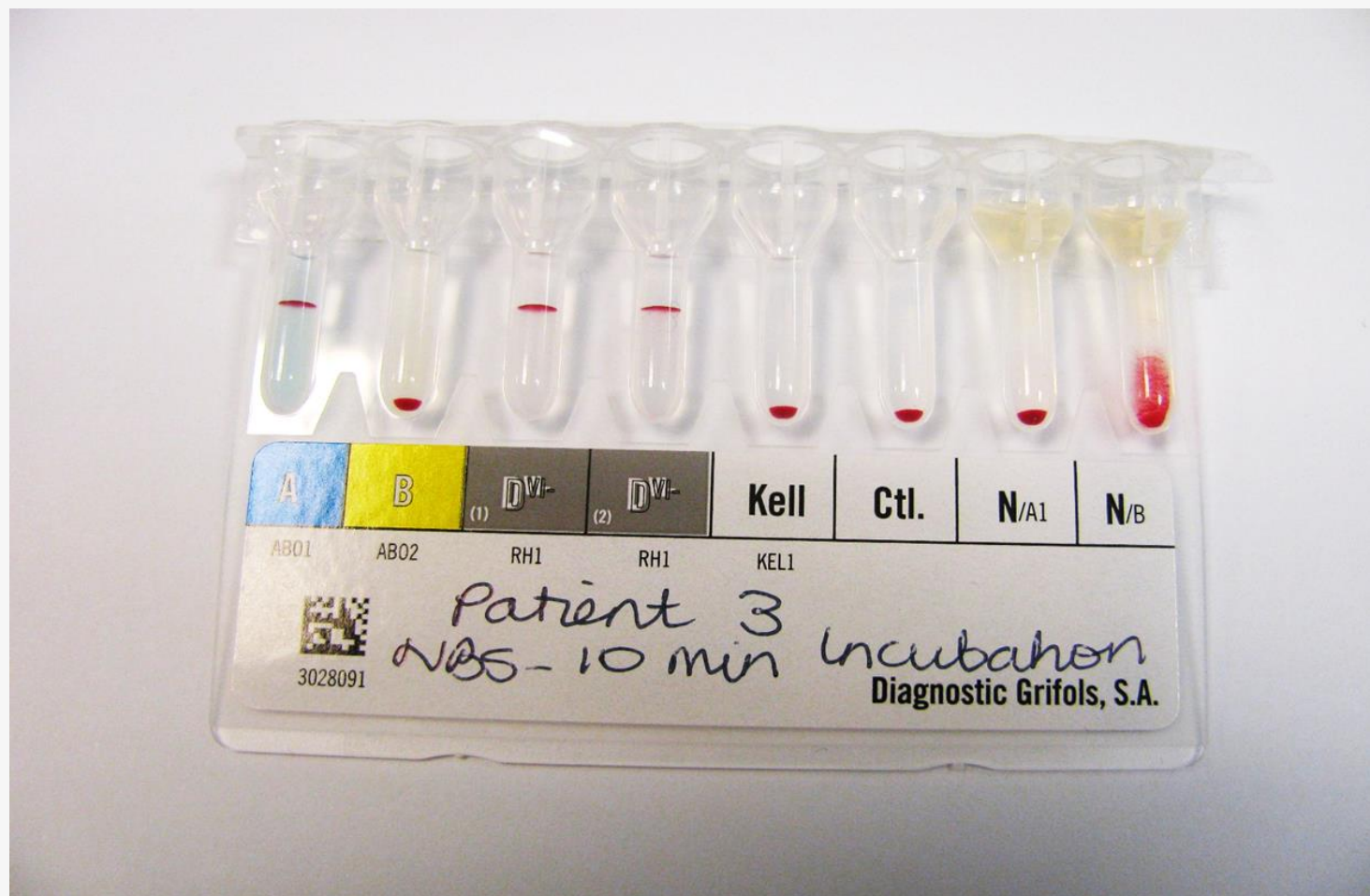


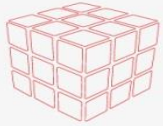




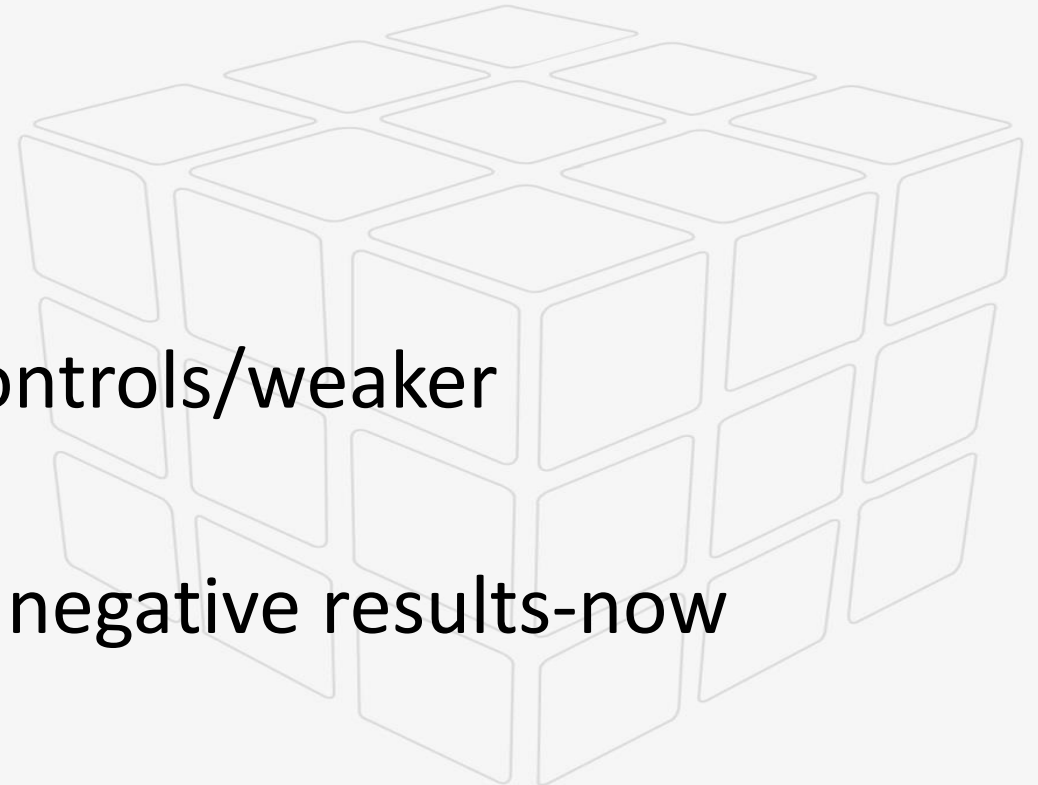








- To summarise:
- DAT- Fine.
- MF- Good.
- Panels-not done due to timing/controls/weaker reactions/results.
- Antibody screen- Issue with false negative results-now resolved.
- Blood Groups-issue with reverse groups (B cells)-still ongoing.





- Any comments from other Erytra users would be gratefully received.
- Thank you for listening.

