Immunological_screening

Entity: Cluster

Concept description:	Identification:
To record immunlogical results	*Id*: openEHR-EHR-CLUSTER.immunological_screening.v0 *Reference model*: openEHR_EHR

Purpose	Use	Misuse	Copyright	References	Contact
Used to record the Immunological screening results	Used for Screening of Acceptable Antibodies including cPRA, Cumulative Antibodies, Unacceptable Antigens, Acceptable Antigens				

Concept	Description	Constraints	Values
🕛 **Screening Date**	*	*DateTime* 1..1	Allow all
T Technique	*	*Text* 1..1	Internal; 'Luminex', 'Elisa', 'DTT', 'CDC', 'Other'
Q PRA	*	*Quantity* 0..1	Property = Proportion Units = %; >=0; <=100;
T Auto antibodies detected	*	*Text* 1..1	Internal; 'Yes', 'No', 'Not Tested'
T Non cytotoxic/complement fixing antibodies detected	*	*Text* 0..1	Internal; 'Yes', 'No', 'Not Tested'
Antibody	contains one antibody, is unbounded so this cluster is	*Cluster* 0..*	

	repeated to form a list of antibodies		
A (icon)	Slot Antigen [Cluster]	Include : Cluster antigen(-[a-zA-Z0-9_]+)*\.v0	Exclude : Cluster
Cumulative Antibody	contains one cummalitive antibody (antibodies that are currently or previously detected), is unbounded so this cluster is repeated to form a list of cummulative antibodies.	*Cluster* 0..*	
A (icon)	Slot Antigen [Cluster]	Include : Cluster antigen(-[a-zA-Z0-9_]+)*\.v0	Exclude : Cluster
Cumulative Unacceptable Antigen	contains one unnacceptable antigen, is unbounded so this cluster is repeated to form a list of antigens.	*Cluster* 0..*	
A (icon)	Slot Antigen [Cluster]	Include : Cluster antigen(-[a-zA-Z0-9_]+)*\.v0	Exclude : Cluster
T Interpretation	Interpretation of the repeated mismatches. To enable removing some antigens from the set of unacceptable antigens but still marking them as risk for evaluation during cross-matching or after transplantation	*Text* 0..1	Internal; 'Unacceptable', 'Risk antigen'
Acceptable Antigen	contains one acceptable antigen, is unbounded so this cluster is repeated to form a list of antigens.	*Cluster* 0..*	
A (icon)	Slot Antigen [Cluster]	Include : Cluster antigen(-[a-zA-Z0-9_]+)*\.v0	Exclude : Cluster
Donor frequency	*	*Cluster* 0..*	
T Type	*	*Text* 1..1	Internal; 'cPRA', 'Kidney', 'Heart'
Q Frequency	*	*Quantity* 1..1	Property = Proportion >=0; <=1; Units = %; >=0; <=100;