

Markers

Category	Name	Results
Significant CD45 positive cells (Hematologic origin cells)	CD15	Negative
	CD30	Negative
	BCR-ABL	Negative
	CD34	Negative
	CD19	Negative
CD45 negative cells (non Hematologic origin)	CD34	Negative
	CD99	Negative
	EpCam	Positive (50% of all CTC)
	VHL mut	Positive (25% of all CTC)
	CD133	Positive (50% of all CTC)
	CD44	Negative
	Nanog	Positive (75% of all CTC)
	OKT-4	Dim
	Sox-2	Positive (75% of all CTC)
	PSMA	Negative
	c-MET	Positive (75% of all CTC)
	CD31	Negative
	CD19	Negative
	MUC-1	Negative
	CD63	Negative
	panCK	Dim
	EpCAM+ve	2.7 cells/ml

Index of markers

CD44, CD133, Sox-2*, OKT-4*, Nanog*	Tumor stem cell marker
c-MET*	Membrane antigen that regulates the mesenchymal to epithelial transition
CD34*	Hematological stem cell and blast cell marker, epithelioid
CD45	Hematologic origin cell
BCR-ABL, CD30, CD15	Hematologic malignancy marker
CD19 (CD45 negative cells)	Lung neuroendocrine malignancy
CD19 (CD45 positive cells)	Hematological malignancy
CD31	Endothelial cell membrane antigen
CD63	Melanoma cell marker
CD99	Sarcoma marker
EpCam	Epithelial origin marker
MUC-1	Breast cancer antigen
PSMA	Prostate specific cancer stem cell membrane antigen
VHL mut	Renal carcinoma marker
panCK	Epithelial origin cell marker

*Significant markers

Sincerely,



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